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1968

THE FRAMINGHAM STUDY

An Epidemiological Investigation
of
Cardiovascular Disease

Sections 6, 7, and 8

RC
667
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1968

Section 6. Smoothed average annual incidence rates by age at exam preceding event, and sex.

Events	Table Number
Coronary Heart Disease	
Total	1
Myocardial Infarction	
Total	2
ECG	3
History	4
Coronary Insufficiency	5
Angina Pectoris	
Total	6
AP Only	7
CHD Other Than AP	8
Cerebrovascular Accident	
Total	9
Brain Infarction	10
CVA Other Than BI	11
Intermittent Claudication	12
Congestive Failure	13
Death	
All Causes	14
CHD-Sudden	15
CHD-Not Sudden	16
CVA	17
Other CVD	18
Cancer	19
Other Causes	20

June 1968

Table 6-1 . Smoothed average annual incidence rate per 1,000 by age and sex for Total CHD
Framingham Study, 14-year follow-up

	Rate per 1,000			Rate per 1,000	
Age	Men	Women	Age	Men	Women
33	2.8	0.0	52	12.6	3.4
34	2.1	0.0	53	15.7	3.7
35	2.4	0.0	54	18.2	4.7
36	2.2	0.0	55	19.3	6.0
37	2.5	0.0	56	21.3	6.2
38	2.7	0.0	57	20.9	6.8
39	3.2	0.2	58	20.2	8.1
40	3.4	0.6	59	21.2	10.2
41	3.9	0.7	60	22.9	10.3
42	4.8	1.0	61	22.8	12.2
43	5.2	1.2	62	21.4	12.6
44	5.7	1.2	63	21.6	11.9
45	6.7	1.4	64	19.6	10.7
46	7.1	1.6	65	20.9	12.2
47	7.1	2.0	66	20.0	11.6
48	8.1	2.4	67	21.0	13.1
49	7.4	2.9	68	18.1	17.5
50	8.2	3.0	69	21.9	20.5
51	9.4	3.5	70	18.5	20.4

An event is the appearance of definite CHD without definite or possible CHD at entry.

Population at risk are persons alive at the indicated ages who were free of definite CHD and did not have pre-existing CHD at entry.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-1 .

Table 6-2 . Smoothed average annual incidence rate per 1,000 by age and sex for Total MI
Framingham Study, 14-year follow-up

	Rate per 1,000			Rate per 1,000	
Age	Men	Women	Age	Men	Women
33	2.4	0.0	52	5.7	0.9
34	1.0	0.0	53	7.1	0.9
35	1.0	0.0	54	8.7	0.6
36	1.4	0.0	55	9.4	0.8
37	1.6	0.0	56	10.3	1.4
38	1.2	0.0	57	9.0	1.2
39	1.4	0.2	58	9.6	1.4
40	2.1	0.2	59	10.5	2.7
41	1.7	0.3	60	11.4	2.6
42	2.6	0.3	61	13.2	2.6
43	3.0	0.4	62	13.4	2.6
44	3.4	0.4	63	14.7	2.9
45	3.9	0.7	64	13.1	2.5
46	4.3	0.7	65	13.1	2.9
47	3.8	0.8	66	11.8	2.4
48	4.1	0.8	67	13.2	3.0
49	3.7	1.0	68	10.4	4.5
50	3.9	1.0	69	11.8	5.0
51	3.2	0.9	70	8.9	4.1

An event is the appearance of definite MI without definite MI at entry.

Population at risk are persons alive at the indicated ages who were free of definite MI.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-2.

Table 6-3 . Smoothed average annual incidence rate per 1,000 by age and sex for MI-ECG
Framingham Study, 14-year follow-up

	Rate per 1,000			Rate per 1,000	
Age	Men	Women	Age	Men	Women
33	2.4	0.0	52	5.1	0.8
34	1.0	0.0	53	6.5	0.8
35	1.0	0.0	54	7.9	0.6
36	1.4	0.0	55	8.6	0.8
37	1.6	0.0	56	9.5	1.2
38	1.2	0.0	57	8.5	1.0
39	1.4	0.0	58	8.7	1.3
40	1.9	0.0	59	9.7	2.5
41	1.5	0.1	60	10.9	2.5
42	2.3	0.1	61	11.6	2.6
43	2.5	0.3	62	11.6	2.6
44	2.9	0.4	63	12.4	2.9
45	3.0	0.7	64	10.9	2.5
46	3.3	0.7	65	9.7	2.4
47	2.8	0.8	66	9.6	1.9
48	3.3	0.8	67	10.2	2.6
49	2.9	0.9	68	8.6	3.0
50	3.8	0.9	69	9.9	3.4
51	3.2	0.8	70	7.8	3.0

An event is the appearance of definite MI-ECG without definite MI-ECG at entry.

Population at risk are persons alive at the indicated ages who were free of definite MI-ECG.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-3.

Table 6-4 .. Smoothed average annual incidence rate per 1,000 by age and sex for MI-History
Framingham Study, 14-year follow-up

Age	Rate per 1,000 Men	Rate per 1,000 Women	Age	Rate per 1,000 Men	Rate per 1,000 Women
33	1.0	0.0	52	4.4	0.4
34	1.0	0.0	53	5.1	0.4
35	1.0	0.0	54	6.1	0.3
36	1.1	0.0	55	7.1	0.5
37	1.4	0.0	56	8.2	0.9
38	1.0	0.0	57	6.6	0.9
39	1.2	0.0	58	6.9	0.9
40	1.3	0.0	59	7.8	1.7
41	1.2	0.1	60	8.6	1.8
42	1.0	0.1	61	8.3	1.7
43	2.0	0.3	62	8.3	1.7
44	2.4	0.3	63	10.0	2.2
45	2.9	0.4	64	7.9	2.2
46	3.1	0.4	65	6.7	2.2
47	2.6	0.6	66	8.8	1.9
48	3.1	0.6	67	9.1	2.6
49	2.7	0.7	68	5.7	3.0
50	3.0	0.7	69	5.7	3.4
51	2.4	0.6	70	4.3	3.0

An event is the appearance of definite MI-ECG and definite MI-History in the same interval without definite MI-ECG and definite MI-History at entry.

Population at risk are persons alive at the indicated ages who were free of definite MI by both ECG criteria and clinical history (both having occurred in the same interval) and did not have both manifestations at entry.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-4.

Table 6-5 . Smoothed average annual incidence rate per 1,000 by age and sex for Coronary Insufficiency
Framingham Study, 14-year follow-up

Age	Rate per 1,000 Men	Rate per 1,000 Women	Age	Rate per 1,000 Men	Rate per 1,000 Women
33	0.0	0.0	52	1.7	0.6
34	0.3	0.0	53	1.8	0.3
35	0.6	0.0	54	1.3	0.3
36	0.6	0.0	55	1.6	0.5
37	0.8	0.0	56	1.4	0.3
38	1.2	0.0	57	1.9	0.3
39	1.1	0.2	58	1.7	0.7
40	0.8	0.2	59	2.0	1.2
41	1.0	0.2	60	2.1	1.3
42	1.1	0.2	61	2.4	1.8
43	0.9	0.2	62	1.6	2.7
44	1.0	0.0	63	1.4	2.6
45	1.4	0.0	64	1.1	2.2
46	1.2	0.1	65	1.5	2.2
47	1.1	0.1	66	1.6	1.6
48	1.3	0.4	67	1.6	0.8
49	1.4	0.4	68	1.6	1.5
50	1.0	0.6	69	6.9	2.8
51	1.7	0.6	70	6.1	2.4

An event is the appearance of definite CI without prior evidence of definite MI and without definite CI at entry.

Population at risk are persons alive at the indicated ages who were free of definite CHD other than AP.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-5.

Table 6-5 . Smoothed average annual incidence rate per 1,000 by age and sex for Angina Pectoris
Framingham Study, 14-year follow-up

Age	Rate per 1,000		Age	Rate per 1,000	
	Men	Women		Men	Women
33	0.4	0.0	52	6.9	2.5
34	0.7	0.0	53	8.0	2.9
35	1.0	0.0	54	9.7	3.9
36	1.0	0.0	55	10.3	4.8
37	1.5	0.0	56	11.1	5.1
38	1.3	0.0	57	11.3	5.7
39	1.8	0.0	58	10.8	6.4
40	1.7	0.4	59	11.3	6.9
41	2.3	0.4	60	11.8	6.7
42	2.6	0.7	61	11.0	8.0
43	2.9	0.9	62	10.5	8.0
44	2.7	0.9	63	11.1	7.1
45	2.9	1.0	64	9.5	6.0
46	3.2	1.1	65	11.3	7.7
47	3.7	1.3	66	12.4	8.0
48	4.2	1.6	67	11.5	8.6
49	4.2	2.0	68	9.3	11.4
50	4.9	2.1	69	8.1	11.9
51	5.7	2.6	70	7.2	12.3

An event is the appearance of definite AP without prior evidence of other definite CHD and without definite AP at entry.

Population at risk are persons alive at the indicated ages who were free of definite CHD.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-6.

Table 6-7 . Smoothed average annual incidence rate per 1,000 by age and sex for AP Only
Framingham Study, 14-year follow-up

Age	Rate per 1,000 Men	Rate per 1,000 Women	Age	Rate per 1,000 Men	Rate per 1,000 Women
33	0.0	0.0	52	1.6	1.9
34	0.0	0.0	53	2.7	2.4
35	0.0	0.0	54	3.8	3.2
36	0.0	0.0	55	4.5	4.1
37	0.3	0.0	56	5.5	4.4
38	0.2	0.0	57	5.8	4.8
39	0.5	0.0	58	5.4	4.8
40	0.6	0.4	59	5.3	5.3
41	0.6	0.4	60	6.2	5.0
42	0.4	0.5	61	5.7	5.5
43	1.0	0.7	62	5.7	5.3
44	1.2	0.7	63	4.7	5.1
45	1.0	0.4	64	4.9	4.4
46	1.6	0.5	65	5.7	6.5
47	1.8	0.8	66	6.3	7.1
48	1.6	1.2	67	5.5	8.0
49	1.1	1.5	68	5.5	10.8
50	1.1	1.5	69	4.3	11.3
51	1.3	2.0	70	4.9	11.6

An event is the appearance of definite AP without evidence of other definite CHD at any time in the 14-year follow-up period and without evidence of definite or possible CHD at entry.

Population at risk are persons alive at the indicated ages who were free of definite CHD and did not have pre-existing CHD at entry.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-7.

Table 6-8 . Smoothed average annual incidence rate per 1,000 by age and sex for CHD Other Than AP
Framingham Study, 14-year follow-up

	Rate per 1,000			Rate per 1,000	
Age	Men	Women	Age	Men	Women
33	2.8	0.0	52	9.9	1.7
34	1.8	0.0	53	12.1	1.4
35	2.1	0.0	54	14.1	1.3
36	2.2	0.0	55	15.5	1.7
37	2.5	0.0	56	16.9	1.9
38	2.4	0.0	57	16.0	1.9
39	2.8	0.2	58	16.1	2.5
40	3.0	0.2	59	17.4	4.2
41	3.2	0.3	60	18.0	4.5
42	4.0	0.3	61	19.6	5.3
43	4.2	0.4	62	18.5	7.2
44	4.6	0.4	63	19.2	7.4
45	5.7	0.7	64	16.1	7.2
46	5.7	0.8	65	16.7	7.3
47	5.4	1.0	66	14.7	6.0
48	6.1	1.3	67	15.8	5.3
49	5.9	1.4	68	14.4	8.7
50	6.3	1.6	69	21.2	12.1
51	6.9	1.6	70	16.7	10.8

An event is the appearance of definite CHD other than AP without evidence of definite CHD other than AP at entry.

Population at risk are persons alive at the indicated ages who were free of definite CHD other than AP.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-8.

Table 6-9 . Smoothed average annual incidence rate per 1,000 by age and sex for
Total CVA
Framingham Study, 14-year follow-up

	Rate per 1,000			Rate per 1,000	
Age	Men	Women	Age	Men	Women
33	0.6	0.0	52	2.7	1.4
34	0.9	0.0	53	3.3	1.6
35	0.9	0.0	54	2.4	1.3
36	0.3	0.2	55	2.2	1.3
37	0.3	0.4	56	2.4	1.2
38	0.3	0.4	57	3.0	1.9
39	0.0	0.4	58	2.6	2.6
40	0.0	0.7	59	3.3	3.0
41	0.2	0.5	60	4.0	3.0
42	0.3	0.3	61	5.3	4.1
43	0.3	0.4	62	5.0	3.8
44	0.6	0.5	63	5.0	5.1
45	1.0	0.3	64	5.7	6.7
46	0.8	0.8	65	5.2	7.3
47	1.3	1.0	66	4.9	7.9
48	1.6	0.8	67	6.3	10.0
49	2.4	1.0	68	5.8	8.0
50	2.7	1.6	69	8.8	8.4
51	3.0	1.4	70	8.1	7.1

An event is the appearance of definite CVA without evidence of definite or possible CVA at entry.

Population at risk are persons alive at the indicated ages who were free of definite CVA and did not have pre-existing CVA at entry.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-9.

Table 6-10 . Smoothed average annual incidence rate per 1,000 by age and sex for Brain Infarction
Framingham Study, 14-year follow-up

	Rate per 1,000			Rate per 1,000	
Age	Men	Women	Age	Men	Women
33	0.6	0.0	52	1.4	1.1
34	0.6	0.0	53	2.3	1.3
35	0.6	0.0	54	1.7	1.3
36	0.0	0.0	55	1.6	1.3
37	0.0	0.0	56	1.6	1.2
38	0.0	0.0	57	2.4	1.6
39	0.0	0.0	58	2.0	2.2
40	0.0	0.0	59	2.5	2.4
41	0.0	0.0	60	3.2	2.2
42	0.0	0.0	61	4.7	3.3
43	0.0	0.1	62	4.1	3.4
44	0.2	0.3	63	4.1	3.6
45	0.3	0.3	64	4.0	4.2
46	0.3	0.5	65	3.8	4.6
47	0.7	0.7	66	2.0	4.6
48	0.7	0.6	67	2.7	6.0
49	1.2	0.4	68	2.2	5.0
50	1.4	1.0	69	1.7	4.2
51	1.6	1.1	70	1.0	3.3

An event is the appearance of definite BI without evidence of definite or possible CVA at entry.

Population at risk are persons alive at the indicated ages who were free of definite CVA and did not have pre-existing CVA at entry.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-10.

Table 6-11 . Smoothed average annual incidence rate per 1,000 by age and sex for CVA Other Than BI
Framingham Study, 14-year follow-up

	Rate per 1,000			Rate per 1,000	
Age	Men	Women	Age	Men	Women
33	0.0	0.0	52	1.3	0.3
34	0.3	0.0	53	1.0	0.3
35	0.3	0.0	54	0.7	0.0
36	0.3	0.2	55	0.6	0.0
37	0.3	0.4	56	0.8	0.0
38	0.3	0.4	57	0.7	0.4
39	0.0	0.4	58	0.7	0.4
40	0.0	0.7	59	0.8	0.6
41	0.2	0.5	60	0.8	0.8
42	0.3	0.3	61	0.6	0.8
43	0.3	0.3	62	1.0	0.4
44	0.5	0.3	63	1.0	1.5
45	0.7	0.0	64	1.7	2.5
46	0.5	0.3	65	1.4	2.7
47	0.5	0.3	66	2.9	3.3
48	0.9	0.3	67	3.6	4.0
49	1.2	0.6	68	3.6	3.0
50	1.3	0.6	69	7.1	4.3
51	1.3	0.3	70	7.1	3.8

An event is the appearance of definite CVA, other than BI without evidence of definite or possible CVA at entry.

Population at risk are persons alive at the indicated ages who were free of definite CVA and did not have pre-existing CVA at entry.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-11.

Table 6-12. Smoothed average annual incidence rates per 1,000 by age and sex for Intermittent Claudication
Framingham Study, 14-year follow-up

Age	Rate per 1,000		Age	Rate per 1,000	
	Men	Women		Men	Women
33	0.0	0.4	52	1.4	1.1
34	0.3	0.4	53	1.9	1.0
35	0.3	0.4	54	2.1	1.1
36	0.3	0.6	55	2.9	1.3
37	0.3	0.2	56	3.7	1.2
38	0.3	0.2	57	3.8	1.2
39	0.2	0.2	58	4.6	1.1
40	0.4	0.2	59	4.9	1.3
41	0.8	0.1	60	5.5	1.4
42	1.1	0.3	61	6.9	2.0
43	1.2	0.3	62	7.4	2.8
44	1.8	0.4	63	6.2	3.9
45	1.6	0.4	64	5.9	4.7
46	1.8	0.4	65	6.5	5.1
47	2.3	0.4	66	7.3	4.9
48	2.4	0.7	67	7.6	6.4
49	2.1	0.6	68	8.4	5.4
50	2.3	0.7	69	7.9	5.5
51	2.0	0.9	70	5.7	4.6

An event is the appearance of definite IC without definite IC at entry.

Population at risk are persons alive at the indicated ages who were free of definite IC and did not have definite IC at entry.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-12.

Table 6-13. Smoothed average annual incidence rates per 1,000 by age and sex for
Congestive Heart Failure
Framingham Study, 14-year follow-up

Age	Rate per 1,000		Age	Rate per 1,000	
	Men	Women		Men	Women
33	1.2	0.0	52	2.6	0.5
34	1.5	0.0	53	2.8	1.1
35	0.7	0.0	54	3.3	1.1
36	0.7	0.0	55	3.3	1.5
37	0.7	0.0	56	3.5	1.7
38	0.3	0.0	57	3.5	1.5
39	0.2	0.0	58	3.5	1.3
40	0.4	0.0	59	3.0	2.6
41	0.4	0.1	60	3.1	2.7
42	0.4	0.5	61	3.1	2.8
43	0.4	0.7	62	3.4	4.0
44	0.2	0.7	63	3.9	4.6
45	0.2	0.7	64	3.0	4.4
46	0.5	0.5	65	4.5	4.8
47	0.9	0.3	66	3.8	4.9
48	1.1	0.1	67	7.3	3.8
49	2.0	0.3	68	8.8	3.8
50	2.3	0.3	69	8.8	2.6
51	2.4	0.4	70	6.7	1.7

An event is the appearance of definite CHF without definite, probable, or questionable CHF at entry.

Population at risk are persons alive at the indicated ages who were free of definite CHF and did not have pre-existing CHF at entry.

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-13.

Table 6-14. Smoothed average annual death rates per 1,000 by age and sex for All Causes
Framingham Study, 14-year follow-up

	Rate per 1,000			Rate per 1,000	
Age	Men	Women	Age	Men	Women
33	2.0	1.1	52	10.8	6.7
34	2.0	1.4	53	11.8	6.8
35	1.7	0.9	54	12.7	6.8
36	1.3	1.3	55	13.9	6.0
37	1.1	1.9	56	16.7	5.7
38	1.5	1.7	57	15.9	6.2
39	2.4	1.8	58	16.7	6.4
40	2.3	1.9	59	17.4	6.6
41	2.6	1.6	60	19.3	7.5
42	3.1	1.5	61	19.5	7.4
43	3.3	1.4	62	23.3	9.9
44	3.0	1.8	63	28.0	11.7
45	3.5	1.9	64	27.3	13.7
46	4.0	3.1	65	27.4	15.9
47	5.5	3.0	66	29.3	16.1
48	6.2	3.7	67	32.7	16.0
49	8.2	4.4	68	32.1	19.4
50	8.7	5.8	69	39.2	20.7
51	9.3	6.0	70	42.9	19.5

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-14.

Population at risk during the first two years excludes volunteer (SX) population.

Table 6-15 . Smoothed average annual death rate per 1,000 by age and sex for CHD-Sudden
Framingham Study, 14-year follow-up

Age	Rate per 1,000 Men	Rate per 1,000 Women	Age	Rate per 1,000 Men	Rate per 1,000 Women
33	0.5	0.0	52	2.3	0.3
34	0.5	0.0	53	3.1	0.5
35	0.5	0.0	54	3.0	0.7
36	0.5	0.0	55	3.8	0.5
37	0.0	0.0	56	4.9	0.3
38	0.0	0.0	57	4.8	0.3
39	0.2	0.0	58	4.6	0.2
40	0.2	0.0	59	4.6	0.2
41	0.4	0.0	60	4.8	0.4
42	0.7	0.0	61	4.9	0.7
43	0.9	0.0	62	4.8	1.3
44	0.8	0.0	63	4.6	1.6
45	1.0	0.0	64	4.0	1.8
46	1.2	0.0	65	3.2	1.6
47	1.3	0.0	66	2.6	1.3
48	1.3	0.0	67	3.9	2.0
49	1.8	0.0	68	5.8	2.8
50	1.9	0.2	69	5.8	4.8
51	1.8	0.3	70	5.1	4.8

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-15.

Population at risk during the first two years excludes volunteer (SX) population.

Table 6-16 . Smoothed average annual death rate per 1,000 by age and sex for
CHD-Not Sudden
Framingham Study, 14-year follow-up

	Rate per 1,000			Rate per 1,000	
Age	Men	Women	Age	Men	Women
33	0.0	0.0	52	2.5	0.0
34	0.0	0.0	53	2.4	0.0
35	0.0	0.0	54	3.2	0.2
36	0.0	0.0	55	3.2	0.3
37	0.3	0.0	56	3.2	0.5
38	0.3	0.0	57	2.6	0.7
39	0.3	0.2	58	3.1	0.7
40	0.4	0.2	59	3.3	0.7
41	0.4	0.3	60	3.6	0.8
42	0.2	0.3	61	4.0	1.1
43	0.4	0.3	62	4.9	1.8
44	0.5	0.1	63	7.4	2.1
45	0.5	0.1	64	6.8	2.7
46	0.5	0.1	65	7.6	2.9
47	0.5	0.1	66	7.3	2.4
48	0.7	0.1	67	7.8	2.2
49	0.8	0.1	68	5.8	4.0
50	0.8	0.1	69	7.4	3.2
51	1.4	0.0	70	6.1	2.8

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-16.

Population at risk during the first two years excludes volunteer (SX) population.

Table 6-17 . Smoothed average annual death rate per 1,000 by age and sex for CVA
Framingham Study, 14-year follow-up

	Rate per 1,000			Rate per 1,000	
Age	Men	Women	Age	Men	Women
33	0.0	0.0	52	0.6	0.5
34	0.0	0.0	53	0.4	0.5
35	0.0	0.0	54	0.8	0.2
36	0.0	0.0	55	1.2	0.0
37	0.0	0.0	56	1.7	0.0
38	0.0	0.0	57	1.8	0.2
39	0.0	0.0	58	2.0	0.2
40	0.0	0.0	59	2.0	0.6
41	0.0	0.0	60	1.8	1.1
42	0.0	0.0	61	1.4	1.3
43	0.0	0.0	62	1.1	1.1
44	0.2	0.1	63	1.3	1.8
45	0.4	0.1	64	1.8	1.8
46	0.4	0.3	65	2.1	1.3
47	0.4	0.3	66	2.9	1.7
48	0.5	0.3	67	2.9	3.0
49	0.6	0.4	68	2.4	2.3
50	0.4	0.6	69	5.7	1.9
51	0.4	0.5	70	5.0	1.9

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-17.

Population at risk during the first two years excludes volunteer (SX) population.

Table 6-18 . Smoothed average annual death rate per 1,000 by age and sex for Other CVD
Framingham Study, 14-year follow-up

Age	Rate per 1,000		Age	Rate per 1,000	
	Men	Women		Men	Women
33	0.9	0.0	52	1.0	0.5
34	0.9	0.3	53	1.2	0.3
35	0.0	0.3	54	1.4	0.7
36	0.0	0.3	55	1.6	1.0
37	0.0	0.3	56	1.8	1.2
38	0.0	0.3	57	1.3	1.4
39	0.0	0.0	58	1.8	1.6
40	0.2	0.3	59	1.2	1.5
41	0.4	0.3	60	1.2	1.0
42	0.4	0.3	61	1.3	0.8
43	0.4	0.3	62	3.2	0.7
44	0.4	0.3	63	2.5	1.5
45	0.2	0.1	64	3.0	1.7
46	0.0	0.4	65	2.7	2.5
47	0.0	0.4	66	2.3	2.5
48	0.0	0.6	67	0.5	2.3
49	0.5	0.6	68	1.7	2.3
50	0.5	0.6	69	1.2	1.9
51	0.5	0.3	70	4.0	1.1

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-18.

Population at risk during the first two years excludes volunteer (SX) population.

Table 6-19. Smoothed average annual death rates per 1,000 by age and sex for Cancer
Framingham Study, 14-year follow-up

Age	Rate per 1,000		Age	Rate per 1,000	
	Men	Women		Men	Women
33	0.0	1.1	52	2.4	2.8
34	0.0	1.1	53	2.5	3.0
35	0.0	0.6	54	2.0	3.3
36	0.0	0.8	55	2.1	2.8
37	0.0	0.8	56	2.6	2.7
38	0.0	0.5	57	2.7	3.0
39	0.2	0.6	58	2.5	3.1
40	0.2	0.4	59	2.7	2.6
41	0.2	0.2	60	3.3	2.3
42	0.5	0.4	61	3.4	1.8
43	0.5	0.6	62	4.0	2.4
44	0.3	0.7	63	5.3	2.2
45	0.5	0.8	64	5.3	2.8
46	0.8	1.4	65	5.5	4.3
47	2.0	1.3	66	7.0	4.9
48	2.5	1.4	67	9.9	4.1
49	3.4	1.6	68	8.1	4.8
50	3.5	2.4	69	7.5	4.0
51	3.4	2.5	70	9.0	2.3

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-19.

Population at risk during the first two years excludes volunteer (SX) population.

Table 6-20. Smoothed average annual death rate per 1,000 by age and sex for Other Causes
Framingham Study, 14-year follow-up

Age	Rate per 1,000 Men	Rate per 1,000 Women	Age	Rate per 1,000 Men	Rate per 1,000 Women
33	0.7	0.0	52	2.0	2.6
34	0.7	0.0	53	2.2	2.5
35	1.3	0.0	54	2.4	1.9
36	0.9	0.2	55	1.8	1.3
37	0.9	0.8	56	2.5	0.8
38	1.3	1.0	57	2.7	0.5
39	1.7	1.0	58	2.7	0.6
40	1.3	1.1	59	3.8	1.0
41	1.2	0.9	60	4.6	1.9
42	1.3	0.4	61	4.7	1.7
43	1.1	0.3	62	5.4	2.6
44	0.9	0.5	63	7.0	2.5
45	0.9	0.7	64	6.5	2.9
46	1.2	0.8	65	6.4	3.3
47	1.4	0.8	66	7.2	3.3
48	1.3	1.3	67	7.8	2.4
49	1.3	1.6	68	8.3	3.2
50	1.7	2.0	69	11.6	4.8
51	1.8	2.5	70	13.7	6.6

Smoothing is done by 5-year running averages of the 2-year rates in Table 7-20.

Population at risk during the first two years excludes volunteer (SX) population.

Section 7. Average two-year incidence rates by age at exam preceding event and sex, with total number of events and total population at risk.

Events	Table Number
Coronary Heart Disease	
Total	1
Myocardial Infarction	
Total	2
ECG	3
History	4
Coronary Insufficiency	5
Angina Pectoris	
Total	6
AP Only	7
CHD Other Than AP	8
Cerebrovascular Accident	
Total	9
Brain Infarction	10
CVA Other Than BI	11
Intermittent Claudication	12
Congestive Failure	13
Death	
All Causes	14
CHD-Sudden	15
CHD-Not Sudden	16
CVA	17
Other CVD	18
Cancer	19
Other Causes	20

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Table 7-1

2 YEAR INCIDENCE PER 10,000 FOR TOTAL CHD

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	1	75	133	0	87	0
32	0	127	0	0	136	0
33	1	161	62	0	203	0
34	1	226	44	0	254	0
35	1	243	41	0	319	0
36	2	326	61	0	382	0
37	1	343	29	0	422	0
38	2	412	49	0	501	0
39	3	406	74	0	536	0
40	3	510	59	0	603	0
41	5	462	108	1	626	16
42	3	592	51	3	723	41
43	5	518	97	1	710	14
44	11	659	167	2	769	26
45	5	532	94	2	741	27
46	10	628	159	1	746	13
47	8	512	156	4	714	56
48	8	594	135	3	711	42
49	8	482	166	4	688	58
50	11	566	194	5	669	75
51	4	441	91	4	675	59
52	13	546	238	4	641	62
53	11	431	255	6	616	97
54	25	519	482	3	611	49
55	21	421	499	6	598	100
56	16	467	343	9	564	160
57	14	400	350	11	568	194
58	19	415	458	6	538	112
59	16	364	440	6	517	116
60	16	376	426	11	485	227
61	14	316	443	17	455	374
62	16	306	523	8	407	197
63	11	246	447	11	356	309
64	7	231	303	5	320	156
65	8	180	444	4	266	150
66	4	165	242	6	229	262
67	8	123	650	7	207	338
68	4	110	364	4	155	258
69	3	75	400	4	134	299
70	1	67	149	5	84	595
71	2	32	625	4	71	563
72	1	32	312	1	31	323
73	0	6	0	1	21	476
74	0	1	0	0	7	0

Table 7-2

2 YEAR INCIDENCE PER 10,000 FOR TOTAL M I

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	1	75	133	0	87	0
32	0	128	0	0	136	0
33	1	163	61	0	203	0
34	0	227	0	0	254	0
35	1	245	41	0	319	0
36	0	327	0	0	382	0
37	0	345	0	0	422	0
38	4	417	96	0	501	0
39	1	410	24	0	537	0
40	0	513	0	0	603	0
41	1	467	21	1	629	16
42	4	600	67	0	723	0
43	3	526	57	1	714	14
44	8	665	120	0	772	0
45	2	541	37	1	746	13
46	4	635	63	1	752	13
47	6	520	115	2	720	28
48	6	607	99	1	716	14
49	3	490	61	1	696	14
50	4	578	69	1	677	15
51	1	454	22	2	689	29
52	8	563	142	2	653	31
53	1	447	22	0	632	0
54	17	540	315	1	623	16
55	9	442	204	1	620	16
56	9	489	184	0	578	0
57	9	424	212	3	593	51
58	5	435	115	3	557	54
59	7	387	181	0	549	0
60	11	404	272	2	505	40
61	9	337	267	6	486	123
62	10	333	300	2	433	46
63	8	267	300	2	386	52
64	5	254	197	0	347	0
65	8	198	404	2	295	68
66	2	178	112	2	247	81
67	4	136	294	2	230	87
68	2	118	169	0	166	0
69	3	89	337	1	150	67
70	1	75	133	2	92	217
71	1	40	250	1	79	127
72	0	34	0	0	33	0
73	1	8	1250	0	23	0
74	0	1	0	0	8	0

Table 7-3

2 YEAR INCIDENCE PER 10,000 FOR MI - ECG

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	1	75	133	0	87	0
32	0	128	0	0	136	0
33	1	163	61	0	203	0
34	0	227	0	0	254	0
35	1	245	41	0	319	0
36	0	327	0	0	382	0
37	0	345	0	0	422	0
38	4	417	96	0	501	0
39	1	410	24	0	537	0
40	0	513	0	0	603	0
41	1	467	21	0	629	0
42	3	600	50	0	723	0
43	3	526	57	1	714	14
44	7	666	105	0	772	0
45	1	541	18	1	746	13
46	4	635	63	1	752	13
47	3	521	58	2	720	28
48	5	607	82	1	716	14
49	3	492	61	1	696	14
50	4	579	69	1	677	15
51	1	455	22	1	689	15
52	8	564	142	2	653	31
53	1	447	22	0	633	0
54	14	540	259	1	623	16
55	9	442	204	1	620	16
56	8	490	163	0	578	0
57	9	424	212	3	593	51
58	5	436	115	2	557	36
59	6	387	155	0	549	0
60	9	405	222	2	506	40
61	9	337	267	6	486	123
62	11	334	329	2	434	46
63	5	267	187	2	386	52
64	4	254	157	0	347	0
65	6	199	302	2	295	68
66	2	178	112	2	247	81
67	3	139	216	1	230	43
68	2	118	169	0	166	0
69	2	89	225	1	151	66
70	1	75	133	1	92	109
71	1	40	250	1	80	125
72	0	34	0	0	33	0
73	1	8	1250	0	23	0
74	0	1	0	0	8	0

Table 7-4

2 YEAR INCIDENCE PER 10,000 FOR M I - HISTORY
BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL
FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	0	75	0	0	87	0
32	0	128	0	0	136	0
33	1	164	61	0	203	0
34	0	227	0	0	254	0
35	1	245	41	0	319	0
36	0	327	0	0	382	0
37	0	345	0	0	422	0
38	3	417	72	0	501	0
39	1	410	24	0	537	0
40	0	514	0	0	603	0
41	1	467	21	0	629	0
42	1	602	17	0	723	0
43	3	526	57	1	714	14
44	6	670	90	0	772	0
45	1	541	18	1	746	13
46	4	640	62	0	752	0
47	3	521	58	1	720	14
48	5	612	82	1	717	14
49	2	492	41	1	697	14
50	4	583	69	1	678	15
51	1	456	22	1	691	14
52	5	566	88	1	654	15
53	1	449	22	0	635	0
54	13	545	239	0	625	0
55	6	444	135	1	622	16
56	6	493	122	0	581	0
57	8	427	187	2	594	34
58	6	440	136	2	559	36
59	3	392	77	0	550	0
60	7	406	172	1	508	20
61	7	343	204	4	487	82
62	9	337	267	2	436	46
63	3	275	109	1	389	26
64	2	257	78	0	348	0
65	7	207	338	2	297	67
66	0	182	0	2	248	81
67	2	143	140	1	231	43
68	4	123	325	0	167	0
69	1	92	109	1	152	66
70	0	77	0	1	93	108
71	0	43	0	1	81	123
72	0	35	0	0	33	0
73	1	9	1111	0	23	0
74	0	1	0	0	8	0

Table 7-5

2 YEAR INCIDENCE PER 10,000 FOR CORONARY INSUFFICIENCY

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	0	75	0	0	87	0
32	0	128	0	0	136	0
33	0	163	0	0	203	0
34	0	227	0	0	254	0
35	0	245	0	0	319	0
36	1	327	31	0	382	0
37	1	345	29	0	422	0
38	0	416	0	0	501	0
39	1	409	24	0	537	0
40	2	513	39	0	603	0
41	1	465	22	1	629	16
42	0	597	0	0	723	0
43	1	523	19	0	714	0
44	2	664	30	0	772	0
45	1	538	19	0	746	0
46	2	633	32	0	752	0
47	2	519	39	0	720	0
48	0	604	0	1	716	14
49	1	488	20	0	696	0
50	2	577	35	2	676	30
51	2	451	44	0	689	0
52	0	561	0	1	650	15
53	3	444	68	1	632	16
54	1	539	19	0	620	0
55	2	438	46	0	619	0
56	0	488	0	0	576	0
57	1	419	24	2	592	34
58	2	434	46	0	556	0
59	3	383	78	0	547	0
60	1	402	25	2	505	40
61	1	334	30	2	485	41
62	1	331	30	2	431	46
63	2	263	76	2	384	52
64	0	254	0	3	343	87
65	0	194	0	1	293	34
66	0	178	0	0	243	0
67	1	133	75	1	229	44
68	1	118	85	0	164	0
69	0	85	0	0	148	0
70	0	74	0	1	92	109
71	2	38	526	1	78	128
72	0	33	0	0	33	0
73	1	8	1250	0	23	0
74	0	1	0	0	8	0

Table 7-6

2 YEAR INCIDENCE PER 10,000 FOR ANGINA PECTORIS

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	0	75	0	0	87	0
32	0	128	0	0	136	0
33	0	162	0	0	203	0
34	0	227	0	0	254	0
35	1	244	41	0	319	0
36	1	327	31	0	382	0
37	1	344	29	0	422	0
38	0	414	0	0	501	0
39	2	408	49	0	536	0
40	1	512	20	0	603	0
41	4	463	86	0	627	0
42	1	594	17	3	723	41
43	3	519	58	0	711	0
44	5	661	76	2	769	26
45	3	534	56	2	743	27
46	4	629	64	0	747	0
47	2	513	39	3	717	42
48	5	596	84	1	712	14
49	6	484	124	3	691	43
50	6	568	106	4	670	60
51	3	444	68	3	679	44
52	6	547	110	3	642	47
53	7	434	161	4	621	64
54	13	522	249	2	612	33
55	9	424	212	6	603	100
56	11	471	234	8	565	142
57	7	403	174	8	572	140
58	10	418	239	5	539	93
59	10	368	272	5	521	96
60	6	378	159	8	486	165
61	9	318	283	9	458	197
62	7	308	227	5	408	123
63	4	246	163	8	359	223
64	5	232	216	3	321	93
65	4	180	222	2	268	75
66	2	166	120	2	229	87
67	5	123	407	6	208	288
68	3	111	270	4	155	258
69	1	75	133	2	135	148
70	0	68	0	3	84	357
71	0	32	0	1	72	139
72	1	32	312	1	31	323
73	0	6	0	0	21	0
74	0	1	0	0	7	0

Table 7-7

2 YEAR INCIDENCE PER 10,000 FOR A P ONLY

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	0	75	0	0	87	0
32	0	127	0	0	136	0
33	0	161	0	0	203	0
34	0	226	0	0	254	0
35	0	243	0	0	319	0
36	0	326	0	0	382	0
37	0	343	0	0	422	0
38	0	412	0	0	501	0
39	1	406	25	0	536	0
40	0	510	0	0	603	0
41	1	462	22	0	626	0
42	1	592	17	3	723	41
43	0	518	0	0	710	0
44	0	659	0	1	769	13
45	3	532	56	1	741	13
46	3	628	48	0	746	0
47	0	512	0	1	714	14
48	3	594	51	1	711	14
49	1	482	21	3	688	44
50	2	566	35	3	669	45
51	0	441	0	2	675	30
52	0	546	0	1	641	16
53	3	431	70	4	616	65
54	3	519	58	2	611	33
55	6	421	143	6	598	100
56	5	467	107	6	564	106
57	3	400	75	6	568	106
58	7	415	169	5	538	93
59	3	364	82	4	517	77
60	4	376	106	5	485	103
61	3	316	95	7	455	154
62	5	306	163	3	407	74
63	3	246	122	5	356	140
64	2	231	87	2	320	62
65	0	180	0	2	266	75
66	2	165	121	2	229	87
67	3	123	244	6	207	290
68	2	110	182	3	155	194
69	0	75	0	2	134	149
70	0	67	0	3	84	357
71	0	32	0	1	71	141
72	1	32	312	1	31	323
73	0	6	0	0	21	0
74	0	1	0	0	7	0

Table 7-8

2 YEAR INCIDENCE PER 10,000 FOR CHD OTHER THAN A P

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	1	75	133	0	87	0
32	0	128	0	0	136	0
33	1	163	61	0	203	0
34	1	227	44	0	254	0
35	1	245	41	0	319	0
36	1	327	31	0	382	0
37	1	345	29	0	422	0
38	3	416	72	0	501	0
39	3	409	73	0	537	0
40	2	513	39	0	603	0
41	3	465	65	1	629	16
42	3	597	50	0	723	0
43	5	523	96	1	714	14
44	10	664	151	0	772	0
45	3	538	56	1	746	13
46	7	633	111	1	752	13
47	8	519	154	2	720	28
48	6	604	99	2	716	28
49	6	488	123	1	696	14
50	7	577	121	3	676	44
51	4	451	89	2	689	29
52	11	561	196	3	650	46
53	7	444	158	2	632	32
54	23	539	427	1	620	16
55	15	438	342	1	619	16
56	14	488	287	1	576	17
57	14	419	334	5	592	84
58	13	434	300	3	556	54
59	13	383	339	1	547	18
60	14	402	348	4	505	79
61	14	334	419	9	485	186
62	13	331	393	5	431	116
63	12	263	456	5	384	130
64	6	254	236	7	343	204
65	8	194	412	3	293	102
66	2	178	112	4	243	165
67	6	133	451	3	229	131
68	3	118	254	0	164	0
69	3	85	353	2	148	135
70	2	74	270	4	92	435
71	3	38	789	4	78	513
72	0	33	0	0	33	0
73	1	8	1250	1	23	435
74	0	1	0	0	8	0

Table 7-9

2 YEAR INCIDENCE PER 10,000 FOR TOTAL C V A

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	0	75	0	0	87	0
32	0	128	0	0	136	0
33	1	164	61	0	203	0
34	0	226	0	0	254	0
35	0	246	0	0	319	0
36	1	327	31	0	382	0
37	0	347	0	0	422	0
38	0	416	0	1	501	20
39	0	412	0	1	537	19
40	0	516	0	0	602	0
41	0	470	0	0	628	0
42	0	604	0	2	722	28
43	1	530	19	0	713	0
44	1	673	15	0	769	0
45	0	547	0	1	745	13
46	2	647	31	1	748	13
47	2	525	38	0	718	0
48	0	618	0	4	713	56
49	3	496	60	1	697	14
50	2	587	34	0	671	0
51	5	459	109	2	690	29
52	4	571	70	4	648	62
53	1	446	22	2	633	32
54	2	548	36	1	618	16
55	4	441	91	1	618	16
56	1	503	20	0	573	0
57	2	423	47	4	592	68
58	2	452	44	1	551	18
59	4	394	102	5	545	92
60	2	417	48	4	503	80
61	3	343	87	2	479	42
62	4	348	115	3	428	70
63	5	281	178	5	385	130
64	2	269	74	2	341	59
65	1	208	48	6	292	205
66	3	195	154	5	240	208
67	1	147	68	3	227	132
68	2	133	150	3	161	186
69	2	97	206	4	148	270
70	0	83	0	0	88	0
71	2	44	455	2	79	253
72	0	36	0	0	31	0
73	0	9	0	0	23	0
74	0	1	0	0	6	0

Table 7-10

2 YEAR INCIDENCE PER 10,000 FOR BRAIN INFARCTION

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	0	75	0	0	87	0
32	0	128	0	0	136	0
33	1	164	61	0	203	0
34	0	226	0	0	254	0
35	0	246	0	0	319	0
36	0	327	0	0	382	0
37	0	347	0	0	422	0
38	0	416	0	0	501	0
39	0	412	0	0	537	0
40	0	516	0	0	602	0
41	0	470	0	0	628	0
42	0	604	0	0	722	0
43	0	530	0	0	713	0
44	0	673	0	0	769	0
45	0	547	0	1	745	13
46	1	647	15	1	748	13
47	1	525	19	0	718	0
48	0	618	0	2	713	28
49	2	496	40	1	697	14
50	0	587	0	0	671	0
51	3	459	65	0	690	0
52	2	571	35	4	648	62
53	1	446	22	2	633	32
54	1	548	18	1	618	16
55	4	441	91	1	618	16
56	0	503	0	0	573	0
57	1	423	24	4	592	68
58	1	452	22	1	551	18
59	4	394	102	3	545	55
60	2	417	48	4	503	80
61	2	343	58	1	479	21
62	3	348	86	2	428	47
63	5	281	178	5	385	130
64	1	269	37	2	341	59
65	1	208	48	3	292	103
66	1	195	51	2	240	83
67	1	147	68	2	227	88
68	0	133	0	2	161	124
69	1	97	103	3	148	203
70	0	83	0	0	88	0
71	0	44	0	0	79	0
72	0	36	0	0	31	0
73	0	9	0	0	23	0
74	0	1	0	0	6	0

Table 7-11

2 YEAR INCIDENCE PER 10,000 FOR CVA OTHER THAN BI

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	0	75	0	0	87	0
32	0	128	0	0	136	0
33	0	164	0	0	203	0
34	0	226	0	0	254	0
35	0	246	0	0	319	0
36	1	327	31	0	382	0
37	0	347	0	0	422	0
38	0	416	0	1	501	20
39	0	412	0	1	537	19
40	0	516	0	0	602	0
41	0	470	0	0	628	0
42	0	604	0	2	722	28
43	1	530	19	0	713	0
44	1	673	15	0	769	0
45	0	547	0	0	745	0
46	1	647	15	0	748	0
47	1	525	19	0	718	0
48	0	618	0	2	713	28
49	1	496	20	0	697	0
50	2	587	34	0	671	0
51	2	459	44	2	690	29
52	2	571	35	0	648	0
53	0	446	0	0	633	0
54	1	548	18	0	618	0
55	0	441	0	0	618	0
56	1	503	20	0	573	0
57	1	423	24	0	592	0
58	1	452	22	0	551	0
59	0	394	0	2	545	37
60	0	417	0	0	503	0
61	1	343	29	1	479	21
62	1	348	29	1	428	23
63	0	281	0	0	385	0
64	1	269	37	0	341	0
65	0	208	0	3	292	103
66	2	195	103	3	240	125
67	0	147	0	1	227	44
68	2	133	150	1	161	62
69	1	97	103	1	148	68
70	0	83	0	0	88	0
71	2	44	455	2	79	253
72	0	36	0	0	31	0
73	0	9	0	0	23	0
74	0	1	0	0	6	0

Table 7-12

2 YEAR INCIDENCE PER 10,000 FOR INTERMITTENT CLAUDICATION

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	0	75	0	0	87	0
32	0	128	0	0	136	0
33	0	164	0	0	203	0
34	0	227	0	1	254	39
35	0	246	0	0	319	0
36	1	327	31	0	381	0
37	0	346	0	0	422	0
38	0	416	0	1	500	20
39	0	410	0	0	537	0
40	0	516	0	0	600	0
41	1	468	21	0	629	0
42	1	604	17	0	720	0
43	2	527	38	1	714	14
44	2	673	30	1	768	13
45	1	543	18	0	744	0
46	5	645	78	1	747	13
47	0	520	0	0	717	0
48	3	613	49	1	712	14
49	4	493	81	1	694	14
50	2	583	34	2	672	30
51	2	455	44	0	687	0
52	1	569	18	1	646	15
53	1	443	23	2	633	32
54	1	548	18	2	616	32
55	4	439	91	1	617	16
56	3	507	59	1	571	18
57	4	423	95	2	588	34
58	5	449	111	1	549	18
59	1	389	26	2	544	37
60	7	410	171	0	500	0
61	3	339	88	2	481	42
62	5	336	149	2	430	47
63	7	273	256	3	387	78
64	2	254	79	4	344	116
65	1	202	50	3	293	102
66	1	184	54	3	241	124
67	3	140	214	2	226	88
68	4	122	328	1	163	61
69	1	91	110	4	149	268
70	1	74	135	0	88	0
71	0	42	0	1	78	128
72	0	32	0	0	32	0
73	0	8	0	0	22	0
74	0	1	0	0	8	0

Table 7-13

2 YEAR INCIDENCE PER 10,000 FOR CONGESTIVE HEART FAILURE

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000	NUMBER OF EVENTS	POP. AT RISK	RATE PER 10000
29	0	8	0	0	15	0
30	0	28	0	0	37	0
31	0	75	0	0	87	0
32	1	128	78	0	136	0
33	0	164	0	0	203	0
34	0	227	0	0	254	0
35	1	246	41	0	319	0
36	1	328	30	0	382	0
37	0	346	0	0	422	0
38	0	417	0	0	501	0
39	0	411	0	0	536	0
40	0	518	0	0	603	0
41	1	469	21	0	627	0
42	1	606	17	0	723	0
43	0	528	0	1	711	14
44	0	674	0	3	771	39
45	0	546	0	1	742	13
46	0	648	0	0	748	0
47	1	524	19	0	716	0
48	2	621	32	0	711	0
49	2	496	40	1	696	14
50	1	590	17	0	672	0
51	4	459	87	1	687	15
52	3	575	52	0	649	0
53	2	447	45	1	633	16
54	3	553	54	1	621	16
55	2	441	45	4	620	65
56	7	507	138	1	577	17
57	2	429	47	2	590	34
58	3	448	67	2	556	36
59	2	399	50	0	545	0
60	2	413	48	2	504	40
61	3	348	86	7	483	145
62	2	344	58	2	433	46
63	2	282	71	2	383	52
64	2	266	75	4	346	116
65	2	211	95	3	291	103
66	0	193	0	3	244	123
67	3	146	205	2	227	88
68	0	131	0	1	164	61
69	4	93	430	0	151	0
70	2	82	244	1	89	112
71	0	39	0	0	80	0
72	0	34	0	0	31	0
73	0	9	0	0	23	0
74	0	1	0	0	8	0

Table 7-14

2 YEAR DEATH RATES PER 10,000 FOR ALL CAUSES BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000
29	0	5	0	0	10	0
30	0	19	0	0	24	0
31	0	64	0	0	78	0
32	1	111	90	1	123	81
33	1	154	65	0	192	0
34	1	221	45	0	239	0
35	0	237	0	1	301	33
36	0	321	0	1	371	27
37	2	331	60	1	399	25
38	1	408	25	2	478	42
39	1	402	25	3	520	58
40	2	503	40	1	588	17
41	4	465	86	2	613	33
42	3	591	51	3	709	42
43	3	517	58	1	698	14
44	5	661	76	3	758	40
45	3	531	56	1	729	14
46	4	642	62	5	731	68
47	5	519	96	4	711	56
48	7	612	114	9	705	128
49	11	490	224	2	687	29
50	7	576	122	6	667	90
51	12	449	267	9	683	132
52	8	567	141	13	635	205
53	8	447	179	9	628	143
54	20	546	366	6	612	98
55	10	437	229	6	614	98
56	18	509	354	8	573	140
57	11	425	259	7	587	119
58	21	452	465	6	545	110
59	11	392	281	8	539	148
60	13	424	307	6	507	118
61	15	352	426	8	489	164
62	16	354	452	9	438	205
63	14	288	486	4	393	102
64	18	275	655	14	351	399
65	17	217	783	9	300	300
66	7	198	354	9	249	361
67	7	151	464	10	234	427
68	9	133	677	2	168	119
69	10	101	990	6	154	390
70	6	83	723	6	93	645
71	5	47	1064	4	82	488
72	3	36	833	1	33	303
73	3	10	3000	1	23	435
74	1	1	10000	0	8	0

Table 7-15

2 YEAR DEATH RATES PER 10,000 FOR CHD - SUDDEN

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000
29	0	5	0	0	10	0
30	0	19	0	0	24	0
31	0	64	0	0	78	0
32	0	111	0	0	123	0
33	0	154	0	0	192	0
34	1	221	45	0	239	0
35	0	237	0	0	301	0
36	0	321	0	0	371	0
37	0	331	0	0	399	0
38	0	408	0	0	478	0
39	0	402	0	0	520	0
40	0	503	0	0	588	0
41	1	465	22	0	613	0
42	0	591	0	0	709	0
43	1	517	19	0	698	0
44	2	661	30	0	758	0
45	1	531	19	0	729	0
46	1	642	16	0	731	0
47	1	519	19	0	711	0
48	2	612	33	0	705	0
49	2	490	41	0	687	0
50	1	576	17	0	667	0
51	3	449	67	0	683	0
52	2	567	35	1	635	16
53	1	447	22	1	628	16
54	5	546	92	0	612	0
55	4	437	92	1	614	16
56	3	509	59	1	573	17
57	5	425	118	0	587	0
58	6	452	133	0	545	0
59	3	392	77	0	539	0
60	3	424	71	0	507	0
61	2	352	57	1	489	20
62	5	354	141	1	438	23
63	4	288	139	1	393	25
64	2	275	73	2	351	57
65	1	217	46	1	300	33
66	0	198	0	1	249	40
67	1	151	66	0	234	0
68	1	133	75	0	168	0
69	2	101	198	2	154	130
70	2	83	241	1	93	108
71	0	47	0	2	82	244
72	0	36	0	0	33	0
73	1	10	1000	0	23	0
74	0	1	0	0	8	0

Table 7-16

2 YEAR DEATH RATES PER 10,000 FOR CHD - NOT SUDDEN
BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL
FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000
29	0	5	0	0	10	0
30	0	19	0	0	24	0
31	0	64	0	0	78	0
32	0	111	0	0	123	0
33	0	154	0	0	192	0
34	0	221	0	0	239	0
35	0	237	0	0	301	0
36	0	321	0	0	371	0
37	0	331	0	0	399	0
38	0	408	0	0	478	0
39	1	402	25	0	520	0
40	0	503	0	0	588	0
41	0	465	0	1	613	16
42	1	591	17	0	709	0
43	0	517	0	1	698	14
44	0	661	0	0	758	0
45	1	531	19	0	729	0
46	1	642	16	0	731	0
47	1	519	19	0	711	0
48	0	612	0	1	705	14
49	0	490	0	0	687	0
50	2	576	35	0	667	0
51	1	449	22	0	683	0
52	1	567	18	0	635	0
53	3	447	67	0	628	0
54	6	546	110	0	612	0
55	1	437	23	0	614	0
56	5	509	98	1	573	17
57	1	425	24	1	587	17
58	3	452	66	1	545	18
59	2	392	51	1	539	19
60	3	424	71	0	507	0
61	4	352	114	1	489	20
62	2	354	56	1	438	23
63	3	288	104	2	393	51
64	4	275	145	3	351	85
65	7	217	323	1	300	33
66	1	198	51	2	249	80
67	2	151	132	1	234	43
68	1	133	75	0	168	0
69	2	101	198	1	154	65
70	1	83	120	2	93	215
71	1	47	213	0	82	0
72	0	36	0	0	33	0
73	1	10	1000	1	23	435
74	0	1	0	0	8	0

Table 7-17

2 YEAR DEATH RATES PER 10,000 FOR C V A

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000
29	0	5	0	0	10	0
30	0	19	0	0	24	0
31	0	64	0	0	78	0
32	0	111	0	0	123	0
33	0	154	0	0	192	0
34	0	221	0	0	239	0
35	0	237	0	0	301	0
36	0	321	0	0	371	0
37	0	331	0	0	399	0
38	0	408	0	0	478	0
39	0	402	0	0	520	0
40	0	503	0	0	588	0
41	0	465	0	0	613	0
42	0	591	0	0	709	0
43	0	517	0	0	698	0
44	0	661	0	0	758	0
45	0	531	0	0	729	0
46	1	642	16	1	731	14
47	1	519	19	0	711	0
48	0	612	0	1	705	14
49	0	490	0	0	687	0
50	1	576	17	0	667	0
51	1	449	22	2	683	29
52	0	567	0	1	635	16
53	0	447	0	0	628	0
54	1	546	18	0	612	0
55	0	437	0	0	614	0
56	3	509	59	0	573	0
57	2	425	47	0	587	0
58	2	452	44	0	545	0
59	1	392	26	1	539	19
60	1	424	24	0	507	0
61	2	352	57	2	489	41
62	1	354	28	2	438	46
63	0	288	0	1	393	25
64	0	275	0	0	351	0
65	1	217	46	2	300	67
66	2	198	101	1	249	40
67	1	151	66	0	234	0
68	1	133	75	1	168	60
69	0	101	0	2	154	130
70	0	83	0	0	93	0
71	2	47	426	0	82	0
72	0	36	0	0	33	0
73	0	10	0	0	23	0
74	0	1	0	0	8	0

Table 7-18

2 YEAR DEATH RATES PER 10,000 FOR OTHER C V D

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000
29	0	5	0	0	10	0
30	0	19	0	0	24	0
31	0	64	0	0	78	0
32	1	111	90	0	123	0
33	0	154	0	0	192	0
34	0	221	0	0	239	0
35	0	237	0	0	301	0
36	0	321	0	1	371	27
37	0	331	0	0	399	0
38	0	408	0	0	478	0
39	0	402	0	0	520	0
40	0	503	0	0	588	0
41	0	465	0	0	613	0
42	1	591	17	2	709	28
43	1	517	19	0	698	0
44	0	661	0	0	758	0
45	0	531	0	0	729	0
46	0	642	0	0	731	0
47	0	519	0	1	711	14
48	0	612	0	2	705	28
49	0	490	0	0	687	0
50	0	576	0	1	667	15
51	2	449	45	0	683	0
52	0	567	0	1	635	16
53	0	447	0	0	628	0
54	3	546	55	1	612	16
55	1	437	23	0	614	0
56	3	509	59	2	573	35
57	1	425	24	3	587	51
58	1	452	22	1	545	18
59	0	392	0	2	539	37
60	3	424	71	1	507	20
61	0	352	0	1	489	20
62	1	354	28	0	438	0
63	1	288	35	0	393	0
64	5	275	182	1	351	28
65	0	217	0	3	300	100
66	1	198	51	1	249	40
67	0	151	0	2	234	85
68	0	133	0	0	168	0
69	0	101	0	0	154	0
70	1	83	120	1	93	108
71	0	47	0	0	82	0
72	1	36	278	0	33	0
73	0	10	0	0	23	0
74	0	1	0	0	8	0

Table 7-19

2 YEAR DEATH RATES PER 10,000 FOR CANCER
BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL
FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000
29	0	5	0	0	10	0
30	0	19	0	0	24	0
31	0	64	0	0	78	0
32	0	111	0	1	123	81
33	0	154	0	0	192	0
34	0	221	0	0	239	0
35	0	237	0	1	301	33
36	0	321	0	0	371	0
37	0	331	0	1	399	25
38	0	408	0	1	478	21
39	0	402	0	0	520	0
40	0	503	0	0	588	0
41	1	465	22	1	613	16
42	0	591	0	0	709	0
43	0	517	0	0	698	0
44	2	661	30	2	758	26
45	0	531	0	1	729	14
46	0	642	0	2	731	27
47	1	519	19	1	711	14
48	2	612	33	4	705	57
49	7	490	143	1	687	15
50	3	576	52	2	667	30
51	4	449	89	3	683	44
52	2	567	35	6	635	94
53	1	447	22	4	628	64
54	2	546	37	3	612	49
55	3	437	69	3	614	49
56	2	509	39	4	573	70
57	2	425	47	3	587	51
58	3	452	66	3	545	55
59	2	392	51	4	539	74
60	2	424	47	3	507	59
61	2	352	57	1	489	20
62	4	354	113	1	438	23
63	2	288	69	0	393	0
64	3	275	109	5	351	142
65	4	217	184	1	300	33
66	1	198	51	2	249	80
67	2	151	132	4	234	171
68	3	133	226	1	168	60
69	4	101	396	1	154	65
70	0	83	0	1	93	108
71	0	47	0	0	82	0
72	1	36	278	0	33	0
73	0	10	0	0	23	0
74	1	1	10000	0	8	0

Table 7-20

2 YEAR DEATH RATES PER 10,000 FOR OTHER CAUSES

BY SEX AND AGE AT BEGINNING OF 2 YEAR INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN			WOMEN		
AGE	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000	NUMBER OF DEATHS	POP. AT RISK	RATE PER 10000
29	0	5	0	0	10	0
30	0	19	0	0	24	0
31	0	64	0	0	78	0
32	0	111	0	0	123	0
33	1	154	65	0	192	0
34	0	221	0	0	239	0
35	0	237	0	0	301	0
36	0	321	0	0	371	0
37	2	331	60	0	399	0
38	1	408	25	1	478	21
39	0	402	0	3	520	58
40	2	503	40	1	588	17
41	2	465	43	0	613	0
42	1	591	17	1	709	14
43	1	517	19	0	698	0
44	1	661	15	1	758	13
45	1	531	19	0	729	0
46	1	642	16	2	731	27
47	1	519	19	2	711	28
48	3	612	49	1	705	14
49	2	490	41	1	687	15
50	0	576	0	3	667	45
51	1	449	22	4	683	59
52	3	567	53	4	635	63
53	3	447	67	4	628	64
54	3	546	55	2	612	33
55	1	437	23	2	614	33
56	2	509	39	0	573	0
57	0	425	0	0	587	0
58	6	452	133	1	545	18
59	3	392	77	0	539	0
60	1	424	24	2	507	39
61	5	352	142	2	489	41
62	3	354	85	4	438	91
63	4	288	139	0	393	0
64	4	275	145	3	351	85
65	4	217	184	1	300	33
66	2	198	101	2	249	80
67	1	151	66	3	234	128
68	3	133	226	0	168	0
69	2	101	198	0	154	0
70	2	83	241	1	93	108
71	2	47	426	2	82	244
72	1	36	278	1	33	303
73	1	10	1000	0	23	0
74	0	1	0	0	8	0

Section 8. Two-year incidence by exam interval by age at Exam 1 and sex

A. Number of events
B. Population at risk
C. Incidence rates

Events	Table Number
Coronary Heart Disease	
Total	1
Myocardial Infarction	
Total	2
ECG	3
History	4
Coronary Insufficiency	5
Angina Pectoris	
Total	6
AP Only	7
CHD Other Than AP	8
Cerebrovascular Accident	
Total	9
Brain Infarction	10
CVA Other Than BI	11
Intermittent Claudication	12
Congestive Failure	13
Death	
All Causes	14
CHD-Sudden	15
CHD-Not Sudden	16
CVA	17
Other CVD	18
Cancer	19
Other Causes	20
Pre-existing CHD experience	21
Specified events by exam interval	22
First definite CHD by exam interval	23
First definite CHD by age at event	24

Criteria

June 1968

Table 8-A-1

NUMBER OF CASES OF TOTAL CHD

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31		1			1			1	3									
32	1			1		1		2	5									
33	2	1				2	2		7						1	1	1	3
34		1	1			1	1	3	7						1	1	1	3
35		1		2	2		1	1	7									
36	1		2	1	1	2	2	1	10					1			1	2
37						2	1		3								1	1
38	2			1	1	1	1	1	7					1				1
39	1	1	1	1		2	1	1	8	1								1
40		1		3	1	2	1	2	10			1						1
41			1	1	1	1	1	2	7	2			1			1		4
42	3		2	1	1	3		3	13						1			1
43				1	2		2	5	10	1			1		1			3
44			1	3	2	1	6	5	18				1		2		2	5
45	1	1	1	3	1	1	3	2	13	1		1			1		1	4
46		1		1	2	5	2	4	15	1			1		1			3
47	1	1	1	1	6	4	2		16	1	2	1	1			4		9
48	3		2	3	4	2			14	2	1	1	1		3			8
49	1				3	1	2	1	8		2		3	1	3	1	4	14
50	3	1	2		1	5	1	6	19	2	2		1	1		2		8
51	2			2		4	4	3	15	4	1	1			1	2	3	12
52	5	3	2	1	3	2	3	1	20		1	1	1		2	3	2	10
53	5		3	3	1	2		2	16	1	1	1		1	4	1		9
54	5	5	2	3	3	2	3	2	25	1		1	3	2	2		3	12
55	1	1	1	3		2	3	2	13	3	4	3	1	3	1		1	16
56	2	3	3	3	1		2	1	15	1	1	2	2	2	1	1		10
57	1	5	1	5	1		1	2	16	2		1	3	3		3	4	16
58	3	1	2	3	1		2	1	13	1	1	2		2	1	3	5	15
59	6	5	2	3	1	3	1	1	22	2	1	1	3	2	2		4	15
60	4	5	1	2		1		1	14	1	1	1		1	1			5
61	1		2	2	2		1		8	1			2	1			1	5
62																1		1
TOTAL	54	38	33	53	42	52	49	56	377	28	18	18	25	21	29	24	34	197

New Event: The appearance of definite CHD without definite or possible CHD at entry; assigned to the exam interval when it first occurred.
Prevalent event at entry: Definite or possible CHD at entry.

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Table 8-A-2

NUMBER OF CASES OF TOTAL MI

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31		1						1	2									
32					1		1	2	4									
33		1				1	1		3						1	1		2
34				1			1	3	5								1	1
35		1					1	1	3									
36	1		2			1	1	2	7								1	1
37						1	1		2								1	1
38				1				1	2								1	1
39		1				2	1		4									
40			1	3		1	1	1	7									
41			1		1				2				1			1		2
42	1	1	1		1	1		4	9									
43					1		1	2	4									
44				1		1	4	3	9						1			1
45			1	1			1	1	4							1	1	2
46					1	3	1	2	7									
47				1		2	4		7		2							2
48	1	1	1	2	4	1			10	1			1					2
49					1		1	1	3								1	1
50	2		1			2	2	3	10				1		2		1	4
51				1		1	3	2	7	1	1					1		3
52	2	2		1		1	1		7									
53	1		2	2	1	1	1	2	10						1			1
54	1	2			1	1	3		8				1				1	2
55			1	2		1	3	1	8			2		1	1	1		5
56	1	3	1	2	2		2		11				1	1				2
57		1		3	1	1		2	8				2				1	3
58			2	3			1	1	7			1			1		2	4
59	2	2	1	2	1	1	1		10				1		2		1	4
60	1	3		2		1			7									
61			1	1	2		1	1	6				1					1
62																		
TOTAL	13	15	16	29	18	24	38	36	193	2	3	3	9	2	9	5	12	45

New Event: The appearance of definite MI without definite MI at entry; assigned to the exam interval when it first occurred.
Prevalent event at entry: Definite MI at entry.

~~FEINLEIB, M. 7/67~~

Table 8-A-3

NUMBER OF CASES OF MI - ECG

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31		1						1	2									
32					1			1	2									
33		1				1	1		3							1		1
34				1			1	3	5								1	1
35		1						1	2									
36	1		2			1	1	2	7								1	1
37						1			1								1	1
38				1				1	2								1	1
39		1				1	1		3									
40			1	3			1	1	6									
41			1						1				1					1
42	1	1	1		1	1		3	8									
43					1		1	2	4									
44				1		1	4	2	8						1			1
45			1	1			1	1	4							1	1	2
46					1	2	1	2	6									
47				1		2	4		7		2							2
48	1	1	1	2	3	1			9	1			1					2
49					1			1	2								1	1
50	2		1			2	1	4	10				1		1		1	3
51				1		1	3		5	1	1					1		3
52	2	2		1		1	1		7									
53	1		2	2	1	1	1	2	10						1			1
54	1	2			1	1	2		7				1				1	2
55			1	2			1	1	5			2		1	1	1		5
56	1	3	1	2	2		2		11				1	1				2
57		1		3	1	1		1	7				2				1	3
58			2	3			1	1	7			1			1		1	3
59	2	2	1	2	1	1	1		10				1		1		1	3
60	1	2		2		1			6									
61			1	1	1		1	1	5				1					1
62																		
TOTAL	13	18	16	29	15	20	30	31	172	2	3	3	9	2	6	4	11	40

New Event: The appearance of definite MI-ECG without definite MI-ECG at entry; assigned to the exam interval when it first occurred.
Prevalent event at entry: Definite MI-ECG at entry.

FEINLEIB, M. 7/67

Table 8-A-4

NUMBER OF CASES OF M I - HISTORY

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31								1	1									
32					1			1	2									
33		1				1	1		3							1		1
34				1			1	3	5									
35		1						1	2									
36	1		1			1	1	2	6								1	1
37						1			1								1	1
38								1	1								1	1
39		1				1	1		3									
40				2			1	1	4									
41			1						1				1					1
42		1	1		1	1		3	7									
43					1		1	1	3									
44				1		1	4	1	7									
45			1				1	1	3							1		1
46					1	1	1	2	5									
47				1			4		5		1							1
48	1	1	1	2	3	1			9				1					1
49					1			1	2								1	1
50	1			1		2	1	2	7						1		1	2
51				1		1	3		5		1					1		2
52	2			1		1	1		5									
53			2	1			1	3	7									
54	1	1			1	1	2		6				1				1	2
55			1	1			1		3			2		1	1	1		5
56	1	2	2	1	2			1	9				1	1				2
57		1		2	1	1		1	6				1				1	2
58			2	3			1		6						1		1	2
59		1	1		1	1			4						1		1	2
60	1	1				2			4									
61			1	1	1			1	4				1					1
62																		
TOTAL	8	11	14	19	14	17	26	27	136		2	2	6	2	4	4	9	29

New Event: The appearance of definite MI-ECG and definite MI-History in the same interval without definite MI-ECG and definite MI-History at entry; assigned to the exam interval when it first occurred.

Prevalent event at entry: Definite MI-ECG and definite MI-History at entry.

FEINLEIB, M. 7/67

Table 8-A-5

NUMBER OF CASES OF CORONARY INSUFFICIENCY
BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE
FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31					1				1									
32				1		1			2									
33						1	1		2						1			1
34							1		1									
35				1			1		2									
36				1			1		2									
37																		
38								1	1									
39								1	1									
40					1				1									
41								1	1									
42	1		1			1			3						1			1
43				1				1	2									
44													1					1
45				1	1				2						1			1
46						1			1				1					1
47		1			2				3							1		1
48								1	1				1					1
49															1			1
50						1			1									
51				1		2			3								1	1
52															1	1	1	3
53				1					1						1			1
54																2		2
55														1				1
56			1						1				1	1				2
57	1		1		1				3							1		1
58				1					1								1	1
59			1	1		1		1	4				1	1			1	3
60						1			1									
61							1	1	2									
62																		
TOTAL	2	1	4	9	6	9	5	7	43				5	3	6	5	4	23

New Event: The appearance of definite CI without evidence of definite MI in a prior interval and without definite CI or definite MI at entry; assigned to the exam interval when it first occurred.

Prevalent event at entry: Definite CI at entry.

FEINLEIB, M. 7/67

Table 8-A-6

NUMBER OF CASES OF ANGINA PECTORIS

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

AGE AT EXAM 1	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31					1			1	2									
32																		
33	1					2	1		4								1	1
34			1				1		2						1	1		2
35		1		1	2		1	1	6									
36					1	1	2		4					1				1
37																		
38	1					1	1		3					1				1
39		1					1	1	3	1								1
40		1		2		1			4			1						1
41			1	1					2	1			1					2
42	1		1		1	2		2	7						1			1
43					2		2	3	7	1			1		1			3
44			1	2	1	1	2	2	9						1		2	3
45		1		2		1	2	1	7			1						1
46				1	2	2		1	6						1			1
47	1	1	1	1	4	2			10		1	1	1			4		7
48	1		1	2	4	3			11	1	1	1	1		2			6
49											2		2	1	3		3	11
50	2	1			1			3	7	2	2			1		2		7
51		1		1		3	1	1	7	2	1	1			1	1	2	8
52	4	1	1	1	2	1	2	1	13		1	1	1		1	3	1	8
53	4		1	1		1			7		1	1		1	1	1		5
54	2	2	2	3	1		1	2	13	1		1	2	2	2		1	9
55	1		1	2		1	2	1	8	2	4	1	1	2	1		1	12
56	1	2	3	1	1			1	9	1	1	2	1		1	1		7
57	1	4		4			1		10	2		1	1	3		3	2	12
58	2	1	1	1	1		1		7	1	1	1		1		3	3	10
59	2	5	3	1	1	1	1		14	1	1	1	1	1	1		1	7
60	3	2		2		1		1	9		1				1			2
61	1		1	1	2				5	1			1	1				3
62																1		1
TOTAL	28	24	19	30	27	24	22	22	196	17	17	14	14	15	19	20	17	133

New Event: The appearance of definite AP without evidence of definite CHD in a prior interval and without other definite CHD at entry; assigned to the exam interval when it first occurred.

Prevalent event at entry: Definite AP at entry whether or not evidence of other CHD was present.

FEINLEIB, M. 7/67

Table 8-A-7

NUMBER OF CASES OF A P ONLY

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31																		
32																		
33	1								1								1	1
34															1	1		2
35					1		1		2									
36					1		1		2					1				1
37																		
38	1					1			2									
39		1							1	1								1
40						1			1			1						1
41				1					1	1								1
42	1					1			2									
43					1		1	2	4	1			1		1			3
44			1	2	1		1	1	6								2	2
45		1					2	1	4									
46						1		1	2						1			1
47					2	2			4			1	1			3		5
48						2			2	1	1	1			2			5
49											2		2	1	2		3	10
50					1			3	4	1	2					1		4
51						1		1	2	2		1			1	1	1	6
52	2		1	1	2	1	2	1	10		1	1	1		1	2	1	7
53	3					1			4		1	1		1	1	1		5
54	2			3	1			2	8	1			2	1	1		1	6
55								1	1	2	4	1		1	1		1	10
56			1					1	2	1	1	2			1	1		6
57		2		2			1		5	2		1	1	1		3	2	10
58	2		1		1		1		5		1	1				2	3	7
59		2		1		1			4		1		1	1	1		1	5
60	1	1						1	3		1				1			2
61			1						1	1			1	1				3
62																1		1
TOTAL	13	7	5	10	11	12	10	15	83	14	15	11	10	8	15	16	16	105

New Event: The appearnce of definite AP without evidence of other definite CHD at any time in the 14-year follow-up period and without evidence of definite or possible CHD at entry; assigned to the exam interval when it first occurred.

Prevalent event at entry: Definite AP at entry with no evidence of other CHD at entry and no other definite CHD in subsequent 14-year follow-up period.

Table 8-A-8

NUMBER OF CASES OF CHD OTHER THAN A P

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31		1			1			1	3									
32				1		1		2	4									
33		1				2	2		5						1	1		2
34		1		1		1	1	3	7								1	1
35		1		2			1	1	5									
36	1		2	1		1	1	2	8								1	1
37						2	1		3								1	1
38				1	1			2	4								1	1
39		1	1	1		2	1	1	7									
40			1	3	1	1	1	2	9									
41			1		1	1	1	2	6				1			1		2
42	2		2	1	1	2		3	11						1			1
43				1	1		1	3	6									
44				1	1	1	5	4	12				1		2			3
45			1	3	1		2	2	9						1	1	1	3
46		1			1	6	2	3	13				1					1
47		1		1	4	2	4		12		2					1		3
48	1	1	1	3	4	1		1	12	1			1		1			3
49					3	1	2	1	7				1		1	1	1	4
50	2		2			6	2	3	15				1		2		1	4
51				2	1	3	5	2	13	1	1					1	2	5
52	2	2	2	1	1	1	1		10						1	1	1	3
53	1		2	3	2	1	1	2	12						3			3
54	1	3	3	1	2	3	3		16				1			3	2	6
55		1	1	3		3	3	1	12			2		2	1			5
56	1	3	2	3	2		2		13				2	2				4
57	1	2	1	3	2			2	11				2		1	1	2	6
58			2	3			1	1	7			1		2	1		4	8
59	2	2	3	3	2	3	1	2	18				2	1	2		4	9
60	1	3	1	3		2	1		11			1	1	1				3
61		1	1	1	2		1	1	7				1				1	2
62																		
TOTAL	15	25	29	46	34	46	46	47	288	2	3	4	15	8	18	11	23	84

New Event: The appearance of definite CHD other than AP without evidence of definite CHD other than AP at entry; assigned to the exam it first occurred.
Prevalent event at entry: Definite CHD other than AP at entry.

FEINLEIB, M. 7/67

Table 8-A-9

NUMBER OF CASES OF TOTAL C V A
BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE
FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31			1						1									
32				1					1									
33																		
34	1						1		2				1		1			2
35													1					1
36							1		1					1		1		2
37							1		1									
38						1			1							2		2
39							1	1	2									
40															2		1	3
41							1		1									
42						1	1		2									
43		1					1	1	3			1						1
44					1	1			2						1			1
45			1	1	1				3								1	1
46					1		1	1	3	1				1			1	3
47				1				2	3	1				1	1			3
48	1			1					2	2								2
49		1	1		1		1		4		1				1			2
50	2			2				1	5	1		1						2
51				1			1	1	3		2			1	2	2	1	8
52	2						1	2	5									
53			1	1		1		1	4	1	1			2		1	3	8
54	1			1	1	1		2	6	2	1			2	2	1	1	9
55	1		1	1		1			4			1	1		1		2	5
56				1	1			1	3				1	1	1	1	1	5
57	2			1	3		1		7					1	2	1		4
58	1					1			2	1		1				2		4
59	1						1	2	4				1	1		3	2	7
60	1								1									
61	1					1			2						1			1
62					1				1	1			3					4
TOTAL	14	2	5	12	10	8	13	15	79	10	5	4	8	11	15	14	13	80

New Event: The appearance of definite CVA without evidence of definite or possible CVA at entry; assigned to the exam interval when it first occurred.
Prevalent event at entry: Definite or possible CVA at entry.

FEINLEIB, M. 7/67

Table 8-A-10

NUMBER OF CASES OF BRAIN INFARCTION

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31			1						1									
32																		
33																		
34																		
35																		
36																1		1
37							1		1									
38						1			1							1		1
39							1		1									
40															1		1	2
41							1		1									
42																		
43							1	1	2			1						1
44															1			1
45																	1	1
46					1				1					1			1	2
47				1				2	3					1	1			2
48	1			1					2	1								1
49		1	1		1		1		4		1				1			2
50	1			1				1	3	1		1						2
51				1				1	2					1	1	1	1	4
52	1							1	2									
53			1	1		1		1	4		1			1		1	1	4
54				1	1	1		1	4	1	1			2	1	1		6
55	1			1		1			3			1	1		1		1	4
56				1	1				2				1	1	1		1	4
57				1	3		1		5					1	2	1		4
58												1				1		2
59	1								1				1			3		4
60																		
61	1					1			2									
62										1			2					3
TOTAL	6	1	3	9	7	5	6	8	45	4	3	4	5	8	10	10	7	51

New Event: The appearance of definite BI without evidence of definite or possible CVA at entry; assigned to the exam interval when it first occurred.
Prevalent event at entry: Definite BI at entry.

FEINLEIB, M. 7/67

Table 8-A-11

NUMBER OF CASES OF C V A OTHER THAN B I

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31																		
32				1					1									
33																		
34	1						1		2				1		1			2
35													1					1
36							1		1					1				1
37																		
38																1		1
39								1	1									
40															1			1
41																		
42						1	1		2									
43		1							1									
44					1	1			2									
45			1	1	1				3									
46							1	1	2									
47																		
48										1								1
49																		
50				1					1									
51							1		1		2				1	1		4
52							1	1	2									
53														1			2	3
54	1							1	2	1					1		1	3
55			1						1								1	1
56								1	1							1		1
57	1								1									
58						1			1	1						1		2
59							1	2	3					1			2	3
60	1								1									
61															1			1
62					1				1				1					1
TOTAL	4	1	2	3	3	3	7	7	30	3	2		3	3	5	4	6	26

New Event: The appearance of definite CVA other than BI without evidence of definite or possible CVA at entry; assigned to the exam interval when it first occurred.

Prevalent event at entry: Definite CVA other than BI at entry.

Table 8-A-12

NUMBER OF CASES OF INTERMITTENT CLAUDICATION

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30					1				1									
31							1		1									
32																		
33							1		1									
34							1		1		1					1		2
35						1			1									
36	1						1	1	3			1						1
37	1					1			2									
38						1	1	1	3								1	1
39	1								1				1					1
40					1				1	1								1
41						1			1									
42		1		2		1			4							1		1
43					2	1		1	4									
44		1					1		2	1		1				1		3
45						1			1	1								1
46							1	1	2			1					1	2
47	2		1						3	2								2
48		1					1		2	1								1
49								1	1	1	1				2		1	5
50								1	1	1	1		1					3
51		1			1	1		2	5								2	2
52	1	1		1	1	3	1		8	1						1	1	3
53			2			1	2		5		2			1				3
54	2		1	1	1	1	1		7	2		1				2	1	6
55	1	1	2						4		1		1			2	1	5
56	1		1	2	1			2	7						1		1	2
57	2	1		1	1		1		6	1			1		1		2	5
58	3					1	1		5	1			1		2			4
59	1			2		1	1		5				1		1	1	1	4
60	1	1	1	1		1	1		6	1								1
61				1	1				2						1			1
62																		
TOTAL	17	8	8	11	10	16	16	10	96	14	6	4	6	1	8	9	12	60

New Event: The appearance of definite IC without definite IC at entry; assigned to the exam interval when it first occurred.

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Table 8-A-13

NUMBER OF CASES OF CONGESTIVE HEART FAILURE

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31							1		1									
32		1		1					2									
33																		
34																		
35		1							1						1			1
36																		
37																		
38							1		1					2				2
39						1			1	1						1		2
40			1			1	1		3				1					1
41						1			1	1								1
42																		
43						2			2	1		1						2
44								2	2	1						1		2
45				1	1		1		3									
46							1		1									
47								1	1				1		1	1		3
48				1	1				2	2								2
49				1			1		2				1				1	2
50				1	1				2	1				1			1	3
51		1		1					2	2			1			1	1	5
52	1	2		2			1		6	1							1	2
53		1		2					3			1			3		1	5
54	1	1		1	1		1		5	1			1	1		1	1	5
55					1				1		1	1		2	1			5
56	1	1	2	1	1				6			1		1		1		3
57				2	2	1			5						1	1		2
58	1				1				2			1		1	1	1		4
59	1					3	3		7	1					1			2
60							1		1				1			1		2
61				1		1			2				1					1
62						1			1									
TOTAL	5	8	3	15	9	11	12	3	66	12	1	5	7	8	9	9	6	57

New Event: The appearance of definite CHF without pre-existing CHF at entry; assigned to the exam interval when it first occurred.
Prevalent event at entry: Definite, probable, or questionable CHF at entry.

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Table 8-A-14

NUMBER OF DEATHS FROM ALL CAUSES

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

MEN

EXAM INTERVAL

AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29									
30									
31			1						1
32		1			1			1	3
33				2		1		1	4
34		1			1	1	1		4
35				1			1	1	3
36					1				1
37				1		1	1	1	4
38			1		2		1		4
39			2	2			2	2	8
40					1	1	2	2	6
41					1	4	2	2	9
42		1	1	1	3	1	2	2	11
43		1					1	1	3
44				1	2	1	3	6	13
45			1	2	5	1	2	2	13
46		2	1			3	2	4	12
47		1	2	2	4			2	11
48			1	1	1	2	4	1	10
49			1		2	1	2	2	8
50		1	1	1	2	5		5	15
51				1	3	1	7	4	16
52		1	7	1	2	2	4	3	20
53			2	1	1		1	6	11
54		3	5	4	5	2	4	3	26
55		2	2	1		5	1		11
56			1	2	2	5	2	2	14
57		2	4	1	2	4	1	7	21
58		1	1		4	2	1	1	10
59			4	2	5	5	2	4	22
60		2	3	2		5	4	2	18
61		1		1	1	1	1	3	8
62					1	1	1	1	4
TOTAL		20	41•	30	52•	55•	55	71	324

WOMEN

EXAM INTERVAL

AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29									
30									
31						1			1
32		1			1		2		4
33			1		1	1	1		4
34					1	1	1		3
35			1	1				1	3
36		1				1	2	3	7
37				1				1	2
38		1				1	2	3	7
39					1	1	1	3	6
40				1	2		1	1	5
41							1	4	5
42					1	1	2	1	5
43				2		1	1	1	5
44				1		3	1	2	7
45								1	1
46			1	1	1	1			4
47				1	3	2	1		7
48		1		3		3	1	3	11
49			1	1	2		2	1	7
50			2	3	2	3		3	13
51		2			1	2	3	1	9
52		1				1	2	3	7
53				2	2	1		2	7
54			1	1	1	3	4	2	12
55		1	2	2	3	1	2	4	15
56				1		2	2		5
57					1	3	3	3	10
58		1			4	1	1	6	13
59				1	1	3	2	4	11
60			1	1	3			1	6
61				1		1		1	3
62				1	1				2
TOTAL		9	10	25	32	38	38	55	207

NUMBER OF DEATHS FROM CHD - SUDDEN
BY SEX, AGE AT EXAM 1, AND TIME OF DEATH
FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31																		
32								1	1									
33																		
34		1							1									
35								1	1									
36																		
37						1			1									
38					1				1									
39			1	1					2									
40						1		1	2									
41						1	1		2									
42				1	1				2									
43																		
44					1		1		2						1			1
45				1	2		1	1	5									
46						1	1	2	4									
47					1				1						1			1
48				1					1						1			1
49					2	1	1		4				1					1
50						3			3									
51					1	1	1	1	4								1	1
52			2			1	1		4									
53				1	1		1		3						1			1
54		1	2	1	1	2			7							1	1	2
55		1							1									
56				1		1		1	3									
57		1						2	3						1		2	3
58								1	1					1			1	2
59			1	2	1	1			5								2	2
60			2	1			1		4			1						1
61								1	1									
62																		
TOTAL		4	8	10	12	14	9	12	69			1	1	1	5	1	7	16

FEINLEIB, M. 7/67

Table 8-A-16

NUMBER OF DEATHS FROM CHD - NOT SUDDEN

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
	EXAM INTERVAL									EXAM INTERVAL								
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31																		
32																		
33								1	1						1	1		2
34						1			1									
35				1					1									
36																	1	1
37																		
38																		
39																		
40							1		1									
41					1		1	1	3									
42								1	1									
43																		
44							1	4	5									
45																		
46		1				2			3									
47					2				2									
48			1				1		2						1			1
49							1	1	2							1		1
50			1			1		1	3						1		1	2
51							2		2									
52			2		1	1	1		5									
53			1					3	4									
54			1				2		3									
55			1	1		3	1		6			1		1			1	3
56				1		1			2						1			1
57								1	1					1			1	2
58					1	1			2					1	1		2	4
59					2	1	1	1	5				1					1
60		1				1	1		3				1	1				2
61		1		1	1			1	4				1				1	2
62																		
TOTAL		3	7	4	8	12	13	15	62			1	3	4	5	2	7	22

FEINLEIB, M. 7/67

Table 8-A-17

NUMBER OF DEATHS FROM CVA

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31																		
32																		
33																		
34																		
35																		
36																1		1
37																		
38																1		1
39																		
40					1				1									
41																		
42						1		1	2									
43																		
44								1	1									
45			1		1			1	3									
46							1	2	3									
47																		
48													1					1
49												1						1
50					1			1	2								1	1
51							1		1		1					2		3
52																		
53														1				1
54					1			1	2						1			1
55			1						1						1	1		2
56																		
57			1	1					2						1			1
58						1			1									
59					1	1		2	4							1		1
60																		
61															1			1
62					1				1				1	1				2
TOTAL			3	1	6	3	2	9	24		1	1	2	2	4	6	1	17

Table 8-A-18

NUMBER OF DEATHS FROM OTHER CVD

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31																		
32		1							1							2		2
33																		
34																		
35																		
36					1				1		1							1
37																		
38																	1	1
39															1			1
40																		
41																		
42																		
43		1							1									
44													1				1	2
45					1		1		2									
46																		
47																		
48						1			1		1		1					2
49			1						1							1		1
50					1	1			2				1		1			2
51					1				1					1	1	1		3
52			3					2	5									
53													2				2	4
54			1		2		1	1	5			1				1		2
55																	1	1
56					1	1			2				1			1		2
57					1				1									
58					1				1								1	1
59														1	1			2
60		1					1		2									
61																		
62							1		1									
TOTAL		3	5		9	3	4	3	27		2	1	6	2	4	6	6	27

NUMBER OF DEATHS FROM CANCER

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31																		
32											1							1
33												1						1
34																		
35												1						1
36															1		1	2
37				1			1	1	3				1					1
38					1				1		1				1	1	1	4
39							2	2	4					1		1	1	3
40							1		1				1	1				2
41						3		1	4							1	3	4
42			1		1		1		3					1	1	1		3
43								1	1				1			1		2
44					1	1			2						2	1	1	4
45				1					1								1	1
46			1						1			1		1				2
47				2				1	3						1	1		2
48							1	1	2				1		1	1	2	5
49								1	1					1				1
50		1						1	2			1	2	2				5
51				1	1			2	4		1				1			2
52				1			2		3							1	1	2
53								2	2					1				1
54		2	1	1	1				5				1	1		1		3
55		1							1		1	1	2	1		1	2	8
56						1	1	1	3						1	1		2
57		1	1			1	1	3	7							1		1
58		1			1				2		1			2		1	1	5
59			1		1	1	1		4						1	1		2
60			1	1		2		1	5					1				1
61																		
62								1	1									
TOTAL		6	6	8	7	9	11	19	66		5	5	9	13	10	15	14	71

FEINLEIB, M. 7/67

Table 8-A-20

NUMBER OF DEATHS FROM OTHER CAUSES

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29																		
30																		
31			1						1						1			1
32					1				1					1				1
33				2		1			3					1				1
34					1		1		2					1	1	1		3
35							1		1				1				1	2
36																1	1	2
37																	1	1
38			1				1		2								1	1
39			1	1					2								2	2
40								1	1					1		1	1	3
41																	1	1
42		1			1		1		3							1	1	2
43							1		1				1		1		1	3
44				1			1	1	3									
45					1	1			2									
46		1							1				1		1			2
47		1	2		1			1	5				1	3				4
48					1	1	2		4								1	1
49														1			1	2
50				1				2	3			1			1		1	3
51							3	1	4									
52		1			1			1	3		1				1	1	2	5
53			1					1	2									
54				2			1	1	4						2	1	1	4
55						2			2					1				1
56			1		1	1	1		4									
57			2		1	3		1	7						1	2		3
58			1		1		1		3								1	1
59			2			1		1	4						1		2	3
60						2	1	1	4					1			1	2
61						1	1	1	3									
62						1			1									
TOTAL		4	12	7	10	14	16	13	76		1	1	4	10	10	8	20	54

Table 8-B-1

POPULATION AT RISK FOR TOTAL C H D

BY SEX, AGE AT EXAM 1, AND EXAM INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

AGE AT EXAM 1	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	8	8	8	8	8	8	8	8	8	15	15	15	15	15	15	15	15	15
30	28	28	28	28	28	28	28	28	28	37	37	37	37	37	37	37	37	37
31	67	67	66	66	66	65	65	65	67	72	72	72	72	72	72	71	71	72
32	100	99	98	98	97	96	95	95	100	99	99	98	98	98	97	97	95	99
33	89	87	86	86	84	84	81	79	89	116	116	116	115	115	114	113	112	116
34	100	100	99	98	98	97	96	94	100	119	119	119	119	119	118	116	114	119
35	83	83	82	82	80	78	78	76	83	116	116	116	115	114	114	114	114	116
36	102	101	101	99	98	96	94	92	102	128	128	127	127	127	126	125	123	128
37	101	101	101	101	100	100	98	96	101	104	104	104	104	103	103	103	103	104
38	90	88	88	87	86	84	83	81	90	120	120	119	119	119	118	117	115	120
39	67	66	65	63	61	61	59	56	67	116	115	115	115	115	114	113	112	116
40	101	101	100	100	97	95	93	91	101	104	104	104	103	102	100	100	99	104
41	59	59	59	58	57	56	52	51	59	95	93	93	93	92	92	92	90	95
42	90	87	86	83	82	80	77	75	90	121	121	121	121	121	120	118	116	121
43	72	72	71	71	70	68	68	65	72	102	101	101	101	98	98	96	95	102
44	100	100	100	99	95	92	90	83	100	89	89	89	89	87	87	83	82	89
45	86	85	84	82	78	74	72	68	86	104	103	103	102	102	102	101	101	104
46	76	76	74	73	72	70	65	62	76	78	77	77	76	74	73	71	71	78
47	66	65	63	60	57	50	46	44	66	88	87	85	84	82	79	78	73	88
48	72	69	69	67	64	59	55	53	72	86	84	82	81	78	78	75	74	86
49	57	56	56	55	55	52	51	49	57	95	95	93	92	89	86	83	81	95
50	78	75	73	71	70	68	63	62	78	91	89	87	85	81	78	76	74	91
51	73	71	71	71	68	66	62	54	73	98	94	91	90	90	89	86	81	98
52	79	74	70	65	63	59	57	53	79	95	95	93	92	91	91	88	83	95
53	60	55	55	51	48	47	45	45	60	64	63	62	61	60	57	53	52	64
54	84	79	72	69	63	56	54	50	84	84	83	83	81	77	74	69	67	84
55	54	53	51	49	46	46	42	39	54	85	82	78	74	71	66	64	63	85
56	55	53	50	46	43	41	38	34	55	78	77	76	74	71	69	67	65	78
57	65	64	58	55	49	46	42	40	65	76	74	74	73	70	67	66	61	76
58	51	48	46	43	40	37	36	33	51	67	66	64	62	62	58	57	53	67
59	54	48	43	38	35	32	27	25	54	66	64	63	62	59	56	52	50	66
60	50	46	41	39	36	36	31	30	50	30	29	28	27	27	24	23	23	30
61	15	14	14	12	10	8	7	6	15	25	24	24	24	22	21	21	21	25
62	4	4	4	4	4	3	2	1	4	10	10	10	10	9	8	8	7	10
TOTAL	2336	2282	2232	2177	2108	2038	1960	1883	2336	2873	2845	2819	2793	2749	2701	2648	2593	2873

Population at risk for any exam interval are those persons alive at the beginning of that interval who were free of definite CHD and did not have pre-existing CHD at entry.

The population at entry are all persons receiving Exam 1.

FEINLEIB, M. 7/67

Table 8-B-2

POPULATION AT RISK FOR TOTAL MI
BY SEX, AGE AT EXAM 1, AND EXAM INTERVAL
FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	8	8	8	8	8	8	8	8	8	15	15	15	15	15	15	15	15	15
30	28	28	28	28	28	28	28	28	28	37	37	37	37	37	37	37	37	37
31	67	67	66	66	66	66	66	66	67	72	72	72	72	72	72	71	71	72
32	100	100	99	99	99	97	97	96	100	99	99	98	98	98	97	97	95	99
33	89	89	88	88	86	86	84	83	89	116	116	116	115	115	114	113	112	116
34	100	100	99	99	98	97	96	94	100	119	119	119	119	119	118	117	116	119
35	83	83	82	82	81	81	81	79	83	116	116	116	115	114	114	114	114	116
36	102	101	101	99	99	98	97	96	102	128	128	127	127	127	127	126	124	128
37	101	101	101	101	100	100	98	96	101	104	104	104	104	103	103	103	103	104
38	90	90	90	89	88	86	86	85	90	120	120	119	119	119	119	118	116	120
39	67	67	66	64	62	62	60	57	67	116	116	116	116	116	115	114	113	116
40	101	101	101	100	97	96	95	93	101	104	104	104	104	103	101	101	100	104
41	59	59	59	58	58	57	53	52	59	95	95	95	95	94	94	94	92	95
42	90	89	87	85	84	81	80	78	90	121	121	121	121	121	120	119	117	121
43	72	72	71	71	71	70	70	68	72	102	102	102	102	100	100	99	98	102
44	100	100	100	100	98	96	94	88	100	89	89	89	89	88	88	84	83	89
45	86	86	86	84	81	77	76	73	86	104	104	104	104	104	104	104	103	104
46	76	76	74	73	73	72	67	64	76	78	78	78	77	76	75	74	74	78
47	66	66	65	63	60	56	54	50	66	88	88	86	86	85	82	81	80	88
48	72	71	70	69	66	61	58	56	72	86	85	84	84	80	80	78	77	86
49	57	57	57	56	56	53	52	50	57	95	95	95	94	93	91	91	89	95
50	78	76	75	73	72	71	66	64	78	91	91	91	89	85	83	79	79	91
51	73	73	73	73	71	68	66	57	73	98	97	94	94	94	93	91	87	98
52	79	77	74	69	67	65	64	61	79	95	95	94	94	94	94	93	91	95
53	60	59	59	56	53	51	50	49	60	64	64	64	64	62	60	58	58	64
54	84	83	78	73	69	63	60	55	84	84	84	84	83	81	80	77	74	84
55	54	54	52	50	47	47	42	39	54	85	85	84	81	79	76	74	72	85
56	55	54	51	49	46	42	39	35	55	78	78	78	78	76	75	74	72	78
57	65	65	62	58	54	51	46	45	65	76	76	76	76	74	74	71	68	76
58	51	51	50	47	44	41	40	38	51	67	67	66	65	65	61	60	59	67
59	54	52	50	45	43	39	34	31	54	66	66	66	66	64	63	58	56	66
60	50	49	45	43	39	39	34	32	50	30	30	30	29	28	25	25	25	30
61	15	15	14	13	12	10	9	8	15	25	25	25	25	24	24	23	23	25
62	4	4	4	4	4	3	2	1	4	10	10	10	10	9	8	8	8	10
TOTAL	2336	2323	2285	2235	2180	2118	2052	1975	2336	2873	2871	2859	2847	2814	2782	2741	2701	2873

Population at risk for any exam interval are those persons alive at the beginning of that interval who were free of definite MI and did not have definite MI at entry.

The population at entry are all persons receiving Exam 1.

FEINLEIB, M. 7/67

Table 8-B-3

POPULATION AT RISK FOR M I - E C G

BY SEX, AGE AT EXAM 1, AND EXAM INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	8	8	8	8	8	8	8	8	8	15	15	15	15	15	15	15	15	15
30	28	28	28	28	28	28	28	28	28	37	37	37	37	37	37	37	37	37
31	67	67	66	66	66	66	66	66	67	72	72	72	72	72	72	71	71	72
32	100	100	99	99	99	97	97	97	100	99	99	98	98	98	97	97	95	99
33	89	89	88	88	86	86	84	83	89	116	116	116	115	115	114	113	112	116
34	100	100	99	99	98	97	96	94	100	119	119	119	119	119	118	117	116	119
35	83	83	82	82	81	81	81	80	83	116	116	116	115	114	114	114	114	116
36	102	101	101	99	99	98	97	96	102	128	128	127	127	127	127	126	124	128
37	101	101	101	101	100	100	98	97	101	104	104	104	104	103	103	103	103	104
38	90	90	90	89	88	86	86	85	90	120	120	119	119	119	119	118	116	120
39	67	67	66	64	62	62	61	58	67	116	116	116	116	116	115	114	113	116
40	101	101	101	100	97	96	96	94	101	104	104	104	104	103	101	101	100	104
41	59	59	59	58	58	57	53	52	59	95	95	95	95	94	94	94	93	95
42	90	89	87	85	84	81	80	78	90	121	121	121	121	121	120	119	117	121
43	72	72	71	71	71	70	70	68	72	102	102	102	102	100	100	99	98	102
44	100	100	100	100	98	96	94	88	100	89	89	89	89	88	88	84	83	89
45	86	86	86	84	81	77	76	73	86	104	104	104	104	104	104	104	103	104
46	76	76	74	73	73	72	67	64	76	78	78	78	77	76	75	74	74	78
47	66	66	65	63	60	56	54	50	66	88	88	86	86	85	82	81	80	88
48	72	71	70	69	66	62	59	57	72	86	85	84	84	80	80	78	77	86
49	57	57	57	56	56	53	52	50	57	95	95	95	94	93	91	91	89	95
50	78	76	75	73	72	71	66	65	78	91	91	91	89	85	83	80	80	91
51	73	73	73	73	71	68	66	57	73	98	97	94	94	94	93	91	87	98
52	79	77	74	69	67	65	64	61	79	95	95	94	94	94	94	93	91	95
53	60	59	59	56	53	51	50	49	60	64	64	64	64	62	60	58	58	64
54	84	83	78	73	69	63	60	55	84	84	84	84	83	81	80	77	74	84
55	54	54	52	50	47	47	43	42	54	85	85	84	81	79	76	74	72	85
56	55	54	51	49	46	42	39	35	55	78	78	78	78	76	75	74	72	78
57	65	65	62	58	54	51	46	45	65	76	76	76	76	74	74	71	68	76
58	51	51	50	47	44	41	40	38	51	67	67	66	65	65	61	60	59	67
59	54	52	50	45	43	39	34	31	54	66	66	66	66	64	63	59	57	66
60	50	49	45	43	39	39	34	32	50	30	30	30	29	28	25	25	25	30
61	15	15	14	13	12	10	9	8	15	25	25	25	25	24	24	23	23	25
62	4	4	4	4	4	3	2	1	4	10	10	10	10	9	8	8	8	10
TOTAL	2336	2323	2285	2235	2180	2119	2056	1985	2336	2873	2871	2859	2847	2814	2782	2743	2704	2873

Population at risk for any exam interval are those persons alive at the beginning of that interval who were free of definite MI-ECG and did not have definite MI-ECG at entry.

The population at entry are all persons receiving Exam 1.

FEINLEIB, M. 7/67

Table 8-B-4

POPULATION AT RISK FOR MI - HISTORY

BY SEX, AGE AT EXAM 1, AND EXAM INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	8	8	8	8	8	8	8	8	8	15	15	15	15	15	15	15	15	15
30	28	28	28	28	28	28	28	28	28	37	37	37	37	37	37	37	37	37
31	67	67	67	66	66	66	66	66	67	72	72	72	72	72	72	71	71	72
32	100	100	99	99	99	97	97	97	100	99	99	98	98	98	97	97	95	99
33	89	89	88	88	86	86	84	83	89	116	116	116	115	115	114	113	112	116
34	100	100	99	99	98	97	96	94	100	119	119	119	119	119	118	117	116	119
35	83	83	82	82	81	81	81	80	83	116	116	116	115	114	114	114	114	116
36	102	101	101	100	100	99	98	97	102	128	128	127	127	127	127	126	124	128
37	101	101	101	101	100	100	98	97	101	104	104	104	104	103	103	103	103	104
38	90	90	90	89	89	87	87	86	90	120	120	119	119	119	119	118	116	120
39	67	67	66	64	62	62	61	58	67	116	116	116	116	116	115	114	113	116
40	101	101	101	101	99	98	97	94	101	104	104	104	104	103	101	101	100	104
41	59	59	59	58	58	57	53	52	59	95	95	95	95	94	94	94	93	95
42	90	90	88	86	85	82	81	79	90	121	121	121	121	121	120	119	117	121
43	72	72	71	71	71	70	70	68	72	102	102	102	102	100	100	99	98	102
44	100	100	100	100	98	96	94	88	100	89	89	89	89	88	88	85	84	89
45	86	86	86	84	82	78	77	74	86	104	104	104	104	104	104	104	103	104
46	76	76	74	73	73	72	68	65	76	78	78	78	77	76	75	74	74	78
47	66	66	65	63	60	56	56	52	66	88	88	87	87	86	83	81	80	88
48	72	71	70	69	66	62	59	57	72	86	86	85	85	81	81	79	78	86
49	57	57	57	56	56	53	52	50	57	95	95	95	94	93	91	91	89	95
50	78	77	76	75	73	72	66	65	78	91	91	91	89	86	84	81	81	91
51	73	73	73	73	71	68	66	57	73	98	98	95	95	95	94	92	88	98
52	79	77	76	69	67	65	64	61	79	95	95	94	94	94	94	93	91	95
53	60	60	60	56	54	53	53	52	60	64	64	64	64	62	60	59	59	64
54	84	83	79	74	70	64	61	56	84	84	84	84	83	81	80	77	74	84
55	54	54	52	50	48	48	44	43	54	85	85	84	81	79	76	74	72	85
56	55	54	52	49	47	43	39	37	55	78	78	78	78	76	75	74	72	78
57	65	65	62	58	55	52	47	46	65	76	76	76	76	75	74	71	68	76
58	51	51	50	47	44	41	40	38	51	67	67	66	66	66	62	61	60	67
59	54	54	53	48	46	41	36	34	54	66	66	66	66	65	64	60	58	66
60	50	49	46	44	42	42	36	33	50	30	30	30	29	28	25	25	25	30
61	15	15	14	13	12	10	9	9	15	25	25	25	25	24	24	23	23	25
62	4	4	4	4	4	3	2	1	4	10	10	10	10	9	8	8	8	10
TOTAL	2336	2328	2297	2245	2198	2137	2074	2005	2336	2873	2873	2862	2851	2821	2788	2750	2711	2873

Population at risk for any exam interval are those persons alive at the beginning of that interval who were free of definite MI by both ECG criteria and clinical history (both having occurred in the same interval) and did not have both manifestations at entry.

The population at entry are all persons receiving Exam 1.

FEINLEIB, M. 7/67

Table 8-B-5

POPULATION AT RISK FOR CORONARY INSUFFICIENCY
BY SEX, AGE AT EXAM 1, AND EXAM INTERVAL
FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	8	8	8	8	8	8	8	8	8	15	15	15	15	15	15	15	15	15
30	28	28	28	28	28	28	28	28	28	37	37	37	37	37	37	37	37	37
31	67	67	66	66	66	65	65	65	67	72	72	72	72	72	72	71	71	72
32	100	100	99	99	98	97	96	96	100	99	99	98	98	98	97	97	95	99
33	89	89	88	88	86	86	83	81	89	116	116	116	115	115	114	113	112	116
34	100	100	99	99	98	97	96	94	100	119	119	119	119	119	118	117	116	119
35	83	83	82	82	80	80	80	78	83	116	116	116	115	114	114	114	114	116
36	102	101	101	99	98	97	96	95	102	128	128	127	127	127	127	126	124	128
37	101	101	101	101	100	100	98	96	101	104	104	104	104	103	103	103	103	104
38	90	90	90	89	88	86	86	85	90	120	120	119	119	119	119	118	116	120
39	67	67	66	64	62	62	60	57	67	116	116	116	116	116	115	114	113	116
40	101	101	101	100	97	95	94	92	101	104	104	104	104	103	101	101	100	104
41	59	59	59	58	58	57	53	52	59	95	95	95	95	94	94	94	92	95
42	90	88	87	84	83	81	79	77	90	121	121	121	121	121	120	118	116	121
43	72	72	71	71	70	69	69	67	72	102	102	102	102	100	100	99	98	102
44	100	100	100	100	98	96	94	88	100	89	89	89	89	87	87	83	82	89
45	86	86	86	84	80	76	75	72	86	104	104	104	104	104	104	103	102	104
46	76	76	74	73	73	72	66	63	76	78	78	78	77	75	74	73	73	78
47	66	66	64	62	59	54	52	48	66	88	88	86	86	85	82	81	79	88
48	72	71	70	69	66	61	58	56	72	86	85	84	84	80	80	78	77	86
49	57	57	57	56	56	53	52	50	57	95	95	95	94	93	91	90	88	95
50	78	76	75	73	72	71	65	63	78	91	91	91	89	85	83	79	79	91
51	73	73	73	73	70	67	64	55	73	98	97	94	94	94	93	91	87	98
52	79	77	74	69	67	65	64	61	79	95	95	94	94	94	94	92	89	95
53	60	59	59	56	53	51	50	49	60	64	64	64	64	62	60	57	57	64
54	84	83	78	73	69	63	60	55	84	84	84	84	83	81	80	77	72	84
55	54	54	52	50	47	47	42	39	54	85	85	84	81	79	75	73	72	85
56	55	54	51	48	45	42	39	35	55	78	78	78	78	75	73	72	70	78
57	65	64	61	57	53	49	45	44	65	76	76	76	76	74	74	71	67	76
58	51	51	50	47	44	41	40	38	51	67	67	66	65	65	61	60	59	67
59	54	52	50	44	41	37	31	29	54	66	66	66	66	64	62	57	55	66
60	50	49	45	43	39	39	33	31	50	30	30	30	29	28	25	25	25	30
61	15	15	14	13	12	10	9	8	15	25	25	25	25	24	24	23	23	25
62	4	4	4	4	4	3	2	1	4	10	10	10	10	9	8	8	8	10
TOTAL	2336	2321	2283	2230	2168	2105	2032	1956	2336	2873	2871	2859	2847	2811	2776	2730	2686	2873

Population at risk for any exam interval are those persons alive at the beginning of that interval who were free of definite CHD other than AP and did not have definite CHD other than AP at entry.

The population at entry are all persons receiving Exam 1.

FEINLEIB, M. 7/67

Table 8-B-6

PUPULATION AT RISK FOR ANGINA PECTORIS

BY SEX, AGE AT EXAM 1, AND EXAM INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	8	8	8	8	8	8	8	8	8	15	15	15	15	15	15	15	15	15
30	28	28	28	28	28	28	28	28	28	37	37	37	37	37	37	37	37	37
31	67	67	66	66	66	65	65	65	67	72	72	72	72	72	72	71	71	72
32	100	100	99	99	98	97	96	96	100	99	99	98	98	98	97	97	95	99
33	89	88	87	87	85	85	82	80	89	116	116	116	115	115	114	113	112	116
34	100	100	99	98	98	97	96	94	100	119	119	119	119	119	118	116	114	119
35	83	83	82	82	80	78	78	76	83	116	116	116	115	114	114	114	114	116
36	102	101	101	99	98	96	94	92	102	128	128	127	127	127	126	125	123	128
37	101	101	101	101	100	100	98	96	101	104	104	104	104	103	103	103	103	104
38	90	89	89	88	87	85	84	82	90	120	120	119	119	119	118	117	115	120
39	67	67	65	63	61	61	59	56	67	116	115	115	115	115	114	113	112	116
40	101	101	100	100	97	95	93	91	101	104	104	104	103	102	100	100	99	104
41	59	59	59	58	57	56	52	51	59	95	94	94	94	93	93	93	91	95
42	90	87	86	83	82	80	77	75	90	121	121	121	121	121	120	118	116	121
43	72	72	71	71	70	68	68	65	72	102	101	101	101	98	98	96	95	102
44	100	100	100	99	95	92	90	83	100	89	89	89	89	87	87	83	82	89
45	86	86	85	83	78	74	72	68	86	104	104	104	103	103	103	102	102	104
46	76	76	74	73	72	70	65	62	76	78	78	78	77	75	74	72	72	78
47	66	65	63	60	57	50	46	44	66	88	88	86	85	83	80	79	74	88
48	72	70	70	68	65	60	55	53	72	86	84	82	81	78	78	75	74	86
49	57	57	57	56	56	53	52	50	57	95	95	93	92	89	86	83	81	95
50	78	75	73	71	70	68	63	62	78	91	89	87	85	81	78	76	74	91
51	73	73	72	72	69	66	62	54	73	98	95	92	91	91	90	87	82	98
52	79	74	70	65	63	59	57	53	79	95	95	93	92	91	91	88	83	95
53	60	56	56	52	49	47	45	45	60	64	64	63	62	61	58	54	53	64
54	84	81	74	70	64	57	54	50	84	84	83	83	81	77	74	69	67	84
55	54	53	51	49	46	46	42	39	54	85	83	78	74	71	66	64	63	85
56	55	54	51	46	43	41	38	34	55	78	77	76	74	71	69	67	65	78
57	65	64	58	55	49	46	42	40	65	76	74	74	73	70	67	66	61	76
58	51	49	47	44	41	38	37	34	51	67	66	64	62	62	58	57	53	67
59	54	50	44	38	35	32	27	25	54	66	65	64	63	60	57	53	51	66
60	50	46	41	39	36	36	31	30	50	30	30	29	28	27	24	23	23	30
61	15	14	14	12	10	8	7	6	15	25	24	24	24	22	21	21	21	25
62	4	4	4	4	4	3	2	1	4	10	10	10	10	9	8	8	7	10
TOTAL	2336	2298	2245	2187	2117	2045	1965	1888	2336	2873	2854	2827	2801	2756	2708	2655	2600	2873

Population at risk for any exam interval are those persons alive at the beginning of that interval who were free of definite CHD and did not have definite CHD at entry.

The population at entry are all persons receiving Exam 1.

FEINLEIB, M. 7/67

Table 8-B-7

POPULATION AT RISK FOR A P ONLY

BY SEX, AGE AT EXAM 1, AND EXAM INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

AGE AT EXAM 1	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	8	8	8	8	8	8	8	8	8	15	15	15	15	15	15	15	15	15
30	28	28	28	28	28	28	28	28	28	37	37	37	37	37	37	37	37	37
31	67	67	66	66	66	65	65	65	67	72	72	72	72	72	72	71	71	72
32	100	99	98	98	97	96	95	95	100	99	99	98	98	98	97	97	95	99
33	89	87	86	86	84	84	81	79	89	116	116	116	115	115	114	113	112	116
34	100	100	99	98	98	97	96	94	100	119	119	119	119	119	118	116	114	119
35	83	83	82	82	80	78	78	76	83	116	116	116	115	114	114	114	114	116
36	102	101	101	99	98	96	94	92	102	128	128	127	127	127	126	125	123	128
37	101	101	101	101	100	100	98	96	101	104	104	104	104	103	103	103	103	104
38	90	88	88	87	86	84	83	81	90	120	120	119	119	119	118	117	115	120
39	67	66	65	63	61	61	59	56	67	116	115	115	115	115	114	113	112	116
40	101	101	100	100	97	95	93	91	101	104	104	104	103	102	100	100	99	104
41	59	59	59	58	57	56	52	51	59	95	93	93	93	92	92	92	90	95
42	90	87	86	83	82	80	77	75	90	121	121	121	121	121	120	118	116	121
43	72	72	71	71	70	68	68	65	72	102	101	101	101	98	98	96	95	102
44	100	100	100	99	95	92	90	83	100	89	89	89	89	87	87	83	82	89
45	86	85	84	82	78	74	72	68	86	104	103	103	102	102	102	101	101	104
46	76	76	74	73	72	70	65	62	76	78	77	77	76	74	73	71	71	78
47	66	65	63	60	57	50	46	44	66	88	87	85	84	82	79	78	73	88
48	72	69	69	67	64	59	55	53	72	86	84	82	81	78	78	75	74	86
49	57	56	56	55	55	52	51	49	57	95	95	93	92	89	86	83	81	95
50	78	75	73	71	70	68	63	62	78	91	89	87	85	81	78	76	74	91
51	73	71	71	71	68	66	62	54	73	98	94	91	90	90	89	86	81	98
52	79	74	70	65	63	59	57	53	79	95	95	93	92	91	91	88	83	95
53	60	55	55	51	48	47	45	45	60	64	63	62	61	60	57	53	52	64
54	84	79	72	65	63	56	54	50	84	84	83	83	81	77	74	69	67	84
55	54	53	51	49	48	46	42	39	54	85	82	78	74	71	66	64	63	85
56	55	53	50	46	45	41	38	34	55	78	77	76	74	71	69	67	65	78
57	65	64	58	55	49	46	42	40	65	76	74	74	73	70	67	66	61	76
58	51	48	46	43	40	37	36	33	51	67	66	64	62	62	58	57	53	67
59	54	48	43	38	35	32	27	25	54	66	64	63	62	59	56	52	50	66
60	50	46	41	39	38	36	31	30	50	30	29	28	27	27	24	23	23	30
61	15	14	14	12	10	8	7	6	15	25	24	24	24	22	21	21	21	25
62	4	4	4	4	4	3	2	1	4	10	10	10	10	9	8	8	7	10
TOTAL	2336	2282	2232	2177	2104	2038	1980	1883	2336	2873	2845	2819	2793	2749	2701	2648	2593	2873

Population at risk for any exam interval are those persons alive at the beginning of that interval who were free of definite CHD and did not have pre-existing CHD at entry.
The population at entry are all persons receiving Exam 1.

Feinleib, M. 7/67

Table 8-B-8

POPULATION AT RISK FOR CHD OTHER THAN A P
BY SEX, AGE AT EXAM 1, AND EXAM INTERVAL
FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	8	8	8	8	8	8	8	8	8	15	15	15	15	15	15	15	15	15
30	28	28	28	28	28	28	28	28	28	37	37	37	37	37	37	37	37	37
31	67	67	66	66	66	65	65	65	67	72	72	72	72	72	72	71	71	72
32	100	100	99	99	98	97	96	96	100	99	99	98	98	98	97	97	95	99
33	89	89	88	88	86	86	83	81	89	116	116	116	115	115	114	113	112	116
34	100	100	99	99	98	97	96	94	100	119	119	119	119	119	118	117	116	119
35	83	83	82	82	80	80	80	78	83	116	116	116	115	114	114	114	114	116
36	102	101	101	99	98	97	96	95	102	128	128	127	127	127	127	126	124	128
37	101	101	101	101	100	100	98	96	101	104	104	104	104	103	103	103	103	104
38	90	90	90	89	88	86	86	85	90	120	120	119	119	119	119	118	116	120
39	67	67	66	64	62	62	60	57	67	116	116	116	116	116	115	114	113	116
40	101	101	101	100	97	95	94	92	101	104	104	104	104	103	101	101	100	104
41	59	59	59	58	58	57	53	52	59	95	95	95	95	94	94	94	92	95
42	90	88	87	84	83	81	79	77	90	121	121	121	121	121	120	118	116	121
43	72	72	71	71	70	69	69	67	72	102	102	102	102	100	100	99	98	102
44	100	100	100	100	98	96	94	88	100	89	89	89	89	87	87	83	82	89
45	86	86	86	84	80	76	75	72	86	104	104	104	104	104	104	103	102	104
46	76	76	74	73	73	72	66	63	76	78	78	78	77	75	74	73	73	78
47	66	66	64	62	59	54	52	48	66	88	88	86	86	85	82	81	79	88
48	72	71	70	69	66	61	58	56	72	86	85	84	84	80	80	78	77	86
49	57	57	57	56	56	53	52	50	57	95	95	95	94	93	91	90	88	95
50	78	76	75	73	72	71	65	63	78	91	91	91	89	85	83	79	79	91
51	73	73	73	73	70	67	64	55	73	98	97	94	94	94	93	91	87	98
52	79	77	74	69	67	65	64	61	79	95	95	94	94	94	94	92	89	95
53	60	59	59	56	53	51	50	49	60	64	64	64	64	62	60	57	57	64
54	84	83	78	73	69	63	60	55	84	84	84	84	83	81	80	77	72	84
55	54	54	52	50	47	47	42	39	54	85	85	84	81	79	75	73	72	85
56	55	54	51	48	45	42	39	35	55	78	78	78	78	75	73	72	70	78
57	65	64	61	57	53	49	45	44	65	76	76	76	76	74	74	71	67	76
58	51	51	50	47	44	41	40	38	51	67	67	66	65	65	61	60	59	67
59	54	52	50	44	41	37	31	29	54	66	66	66	66	64	62	57	55	66
60	50	49	45	43	39	39	33	31	50	30	30	30	29	28	25	25	25	30
61	15	15	14	13	12	10	9	8	15	25	25	25	25	24	24	23	23	25
62	4	4	4	4	4	3	2	1	4	10	10	10	10	9	8	8	8	10
TOTAL	2336	2321	2283	2230	2168	2105	2032	1956	2336	2873	2871	2859	2847	2811	2776	2730	2636	2873

Population at risk for any exam interval are those persons alive at the beginning of that interval who were free of definite CHD other than AP and did not have definite CHD other than AP at entry.
The population at entry are all persons receiving Exam 1.

FEINLEIB, M. 7/67

Table 8-B-9 through Table 8-B-11

POPULATION AT RISK FOR TOTAL C V A

BY SEX, AGE AT EXAM 1, AND EXAM INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	8	8	8	8	8	8	8	8	8	15	15	15	15	15	15	15	15	15
30	28	28	28	28	28	28	28	28	28	37	37	37	37	37	37	37	37	37
31	67	67	67	66	66	66	66	66	67	72	72	72	72	72	72	71	71	72
32	100	100	99	99	98	97	97	97	100	99	99	98	98	98	97	97	95	99
33	89	89	89	89	87	87	86	86	89	116	116	116	115	115	114	113	112	116
34	100	99	98	98	98	97	96	94	100	119	119	119	119	118	117	115	114	119
35	83	83	83	83	82	82	82	81	83	116	116	116	115	113	113	113	113	116
36	102	102	102	102	102	101	101	100	102	128	128	127	127	127	126	125	123	128
37	101	101	101	101	100	100	99	97	101	104	104	104	104	103	103	103	103	104
38	90	90	90	89	89	87	86	85	90	120	120	119	119	119	119	118	115	120
39	67	67	67	65	63	63	63	60	67	116	116	116	116	116	115	114	113	116
40	101	101	101	101	101	100	99	97	101	104	104	104	104	103	101	99	98	104
41	59	59	59	59	59	58	54	51	59	95	95	95	95	95	95	95	94	95
42	90	90	89	88	87	84	83	80	90	121	121	121	121	121	120	119	117	121
43	72	72	71	71	71	71	71	69	72	102	102	102	101	99	99	98	97	102
44	100	100	100	100	99	96	94	91	100	89	89	89	89	88	88	84	83	89
45	86	86	86	85	82	77	76	74	86	104	104	104	104	104	104	104	104	104
46	76	76	74	73	73	72	69	67	76	78	77	77	76	75	73	72	72	78
47	66	66	65	63	60	56	56	56	66	88	87	87	87	86	82	80	79	88
48	72	71	71	70	69	68	66	62	72	86	84	83	83	81	81	78	77	86
49	57	57	56	54	54	51	50	48	57	95	95	94	93	93	91	90	88	95
50	78	76	75	74	71	71	67	67	78	91	90	90	87	84	82	79	79	91
51	73	73	73	73	71	69	68	61	73	98	98	95	95	95	93	89	87	98
52	79	77	76	69	68	66	64	60	79	95	95	94	94	94	94	93	91	95
53	60	60	60	57	55	54	53	52	60	64	63	62	62	60	57	56	55	64
54	84	83	80	75	70	66	63	59	84	84	82	81	81	80	77	73	70	84
55	54	53	51	49	47	47	43	42	54	85	85	84	81	78	75	74	72	85
56	55	55	55	54	51	49	44	43	55	78	78	78	78	76	75	72	70	78
57	65	63	62	59	58	53	50	48	65	76	76	76	76	76	74	69	65	76
58	51	50	49	49	49	45	43	42	51	67	66	65	64	64	61	60	57	67
59	54	53	53	49	47	43	38	35	54	66	66	66	66	64	62	59	56	66
60	50	49	47	44	43	43	38	34	50	30	30	30	29	28	25	25	25	30
61	15	14	13	13	12	11	9	9	15	25	25	25	25	24	24	23	23	25
62	4	4	4	4	4	3	2	1	4	10	9	9	9	6	6	6	6	10
TOTAL	2336	2322	2302	2261	2222	2169	2112	2050	2336	2873	2863	2850	2837	2807	2767	2718	2676	2873

Population at risk for any exam interval are those persons alive at the beginning of that interval who were free of definite CVA and did not have pre-existing CVA at entry.

The population at entry are all persons receiving Exam 1.

FEINLEIB, M. 7/67

Table 8-B-12

POPULATION AT RISK FOR INTERMITTENT CLAUDICATION

BY SEX, AGE AT EXAM 1, AND EXAM INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	8	8	8	8	8	8	8	8	8	15	15	15	15	15	15	15	15	15
30	28	28	28	28	28	27	27	27	28	37	37	37	37	37	37	37	37	37
31	67	67	67	66	66	66	66	65	67	72	72	72	72	72	72	71	71	72
32	100	100	99	99	99	98	98	98	100	99	99	98	98	98	97	97	95	99
33	89	89	89	89	87	87	86	85	89	116	116	116	115	115	114	113	112	116
34	100	100	99	99	99	98	97	95	100	119	119	118	118	118	117	116	114	119
35	83	83	83	83	32	82	81	80	83	116	116	116	115	114	114	114	114	116
36	102	101	101	101	101	100	100	99	102	128	128	127	126	126	126	125	123	128
37	101	100	100	100	99	99	98	97	101	104	104	104	104	103	103	103	103	104
38	90	90	90	89	89	87	86	84	90	120	120	119	119	119	119	118	116	120
39	67	66	66	64	62	62	62	60	67	116	116	116	116	115	114	113	112	116
40	101	101	101	101	101	99	98	96	101	104	103	103	103	102	100	100	99	104
41	59	59	59	59	59	58	53	51	59	95	95	95	95	95	95	95	94	95
42	90	90	88	87	84	81	79	77	90	121	121	121	121	121	120	119	116	121
43	72	72	71	71	71	69	68	67	72	102	102	102	102	100	100	99	98	102
44	100	100	99	99	98	96	95	91	100	89	88	88	87	86	86	83	81	89
45	86	86	86	85	83	78	76	74	86	104	103	103	103	103	103	103	103	104
46	76	76	74	73	73	73	70	67	76	78	78	78	76	75	74	73	73	78
47	66	64	63	60	58	55	55	55	66	88	86	86	86	85	82	80	79	88
48	72	72	71	70	69	68	66	61	72	86	85	84	84	81	81	78	77	86
49	57	57	57	56	56	54	53	51	57	95	94	93	92	91	89	87	86	95
50	78	78	77	76	75	73	68	68	78	91	90	89	87	83	81	79	79	91
51	73	73	72	72	71	67	65	58	73	98	98	96	96	96	95	93	90	98
52	79	78	76	69	67	64	59	55	79	95	94	93	93	93	93	92	89	95
53	60	60	60	56	55	54	53	51	60	64	64	62	62	61	58	57	57	64
54	84	82	80	74	69	64	61	57	84	84	82	82	80	79	78	76	70	84
55	54	53	50	46	45	45	41	40	54	85	85	83	81	78	75	74	70	85
56	55	54	54	52	48	45	41	39	55	78	78	78	78	77	77	74	73	78
57	65	63	60	56	54	51	48	46	65	76	75	75	75	74	73	69	66	76
58	51	48	47	46	46	42	39	37	51	67	66	65	65	64	60	57	56	67
59	54	53	53	49	45	40	35	33	54	66	66	66	66	64	63	59	56	66
60	50	49	47	43	40	40	34	30	50	30	29	29	28	27	24	24	24	30
61	15	15	14	14	12	10	9	8	15	25	25	25	25	24	24	22	22	25
62	4	4	4	4	4	3	2	1	4	10	10	10	10	9	8	8	8	10
TOTAL	2336	2319	2293	2244	2203	2143	2077	2011	2336	2873	2859	2844	2830	2800	2767	2723	2678	2873

Population at risk for any exam interval are those persons alive at the beginning of that interval who were free of definite IC.
The population at entry are all persons receiving Exam 1.

FEINLEIB, M. 6/68

Table 8-B-13

POPULATION AT RISK FOR CONGESTIVE HEART FAILURE

BY SEX, AGE AT EXAM 1, AND EXAM INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	8	8	8	8	8	8	8	8	8	15	15	15	15	15	15	15	15	15
30	28	28	28	28	28	28	28	28	28	37	37	37	37	37	37	37	37	37
31	67	67	67	66	66	66	66	65	67	72	72	72	72	72	72	71	71	72
32	100	100	99	99	98	98	98	98	100	99	99	98	98	98	97	97	95	99
33	89	89	89	89	87	87	86	86	89	116	116	116	115	115	114	113	112	116
34	100	100	99	99	99	98	97	96	100	119	119	119	119	119	118	117	116	119
35	83	83	82	82	81	81	81	80	83	116	116	116	115	114	114	113	113	116
36	102	102	102	102	102	101	101	101	102	128	128	127	127	127	127	126	124	128
37	101	101	101	101	100	100	99	98	101	104	104	104	104	103	103	103	103	104
38	90	90	90	89	89	87	87	85	90	120	120	119	119	119	117	116	114	120
39	67	67	67	65	63	63	62	60	67	116	115	115	115	115	114	113	111	116
40	101	101	101	100	100	100	99	96	101	104	104	104	104	102	100	100	99	104
41	59	59	59	59	59	58	53	52	59	95	94	94	94	94	94	94	93	95
42	90	90	89	88	87	84	83	81	90	121	121	121	121	121	120	119	117	121
43	72	72	71	71	71	71	69	68	72	102	101	101	100	99	99	98	97	102
44	100	100	100	100	99	97	96	93	100	89	88	88	88	87	87	84	82	89
45	86	86	86	85	82	77	76	74	86	104	104	104	104	104	104	104	104	104
46	76	76	74	73	73	73	70	67	76	78	78	78	77	76	75	74	74	78
47	66	66	65	63	61	57	57	57	66	88	88	88	88	86	84	81	79	88
48	72	72	72	71	69	67	65	61	72	86	84	84	84	81	81	78	77	86
49	57	57	57	56	55	53	52	50	57	95	95	95	94	92	90	90	88	95
50	78	78	77	76	74	71	67	67	78	91	90	90	88	86	83	80	80	91
51	73	73	72	72	70	69	68	61	73	98	96	94	94	93	93	91	88	98
52	79	78	75	70	67	66	64	59	79	95	94	93	93	93	93	92	90	95
53	60	60	59	58	55	54	54	53	60	64	64	64	63	62	60	56	56	64
54	84	83	79	75	70	65	64	59	84	84	83	83	83	81	79	76	73	84
55	54	54	52	50	49	48	44	43	54	85	85	83	80	78	73	71	69	85
56	55	54	53	50	48	46	44	42	55	78	78	78	77	77	76	74	72	78
57	65	65	63	59	56	52	48	47	65	76	76	76	76	76	75	71	68	76
58	51	50	49	48	48	43	42	41	51	67	67	66	65	65	60	59	57	67
59	54	53	53	49	48	43	35	30	54	66	65	65	65	64	63	59	57	66
60	50	50	48	45	43	43	38	33	50	30	30	30	29	27	24	24	23	30
61	15	15	14	14	12	11	9	9	15	25	25	25	25	24	24	23	23	25
62	4	4	4	4	4	3	1	1	4	10	10	10	10	9	8	8	8	10
TOTAL	2336	2331	2304	2264	2221	2168	2111	2049	2336	2873	2861	2852	2838	2811	2773	2727	2685	2873

Population at risk for any exam interval are those persons alive at the beginning of that interval who were free of definite CHF and did not have pre-existing CHF at entry.
The population at entry are all persons receiving Exam 1.

FEINLEIB, M., 6/68

Table 8-B-14 through Table 8-B-20

POPULATION ALIVE AT BEGINNING OF EACH EXAM INTERVAL

BY SEX, AGE AT EXAM 1, AND EXAM INTERVAL

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	8	8	8	8	8	8	8	8	8	15	15	15	15	15	15	15	15	15
30	28	28	28	28	28	28	28	28	28	37	37	37	37	37	37	37	37	37
31	67	67	67	66	66	66	66	66	67	72	72	72	72	72	72	71	71	72
32	100	100	99	99	99	98	98	98	100	99	99	98	98	98	97	97	95	99
33	89	89	89	89	87	87	86	86	89	116	116	116	115	115	114	113	112	116
34	100	100	99	99	99	98	97	96	100	119	119	119	119	119	118	117	116	119
35	83	83	83	83	82	82	82	81	83	116	116	116	115	114	114	114	114	116
36	102	102	102	102	102	101	101	101	102	128	128	127	127	127	127	126	124	128
37	101	101	101	101	100	100	99	98	101	104	104	104	104	103	103	103	103	104
38	90	90	90	89	89	87	87	86	90	120	120	119	119	119	119	118	116	120
39	67	67	67	65	63	63	63	61	67	116	116	116	116	116	115	114	113	116
40	101	101	101	101	101	100	99	97	101	104	104	104	104	103	101	101	100	104
41	59	59	59	59	59	58	54	52	59	95	95	95	95	95	95	95	94	95
42	90	90	89	88	87	84	83	81	90	121	121	121	121	121	120	119	117	121
43	72	72	71	71	71	71	71	70	72	102	102	102	102	100	100	99	98	102
44	100	100	100	100	99	97	96	93	100	89	89	89	89	88	88	85	84	89
45	86	86	86	85	83	78	77	75	86	104	104	104	104	104	104	104	104	104
46	76	76	74	73	73	73	70	68	76	78	78	78	77	76	75	74	74	78
47	66	66	65	63	61	57	57	57	66	88	88	88	88	87	84	82	81	88
48	72	72	72	71	70	69	67	63	72	86	86	85	85	82	82	79	78	86
49	57	57	57	56	56	54	53	51	57	95	95	95	94	93	91	91	89	95
50	78	78	77	76	75	73	68	68	78	91	91	91	89	86	84	81	81	91
51	73	73	73	73	72	69	68	61	73	98	98	96	96	96	95	93	90	98
52	79	79	78	71	70	68	66	62	79	95	95	94	94	94	94	93	91	95
53	60	60	60	58	57	56	56	55	60	64	64	64	64	62	60	59	59	64
54	84	84	81	76	72	67	65	61	84	84	84	84	83	82	81	78	74	84
55	54	54	52	50	49	49	44	43	54	85	85	84	82	80	77	76	74	85
56	55	55	55	54	52	50	45	43	55	78	78	78	78	77	77	75	73	78
57	65	65	63	59	58	56	52	51	65	76	76	76	76	76	75	72	69	76
58	51	51	50	49	49	45	43	42	51	67	67	66	66	66	62	61	60	67
59	54	54	54	50	48	43	38	36	54	66	66	66	66	65	64	61	59	66
60	50	50	48	45	43	43	38	34	50	30	30	30	29	28	25	25	25	30
61	15	15	14	14	13	12	11	10	15	25	25	25	25	24	24	23	23	25
62	4	4	4	4	4	3	2	1	4	10	10	10	10	9	8	8	8	10
TOTAL	2336	2336	2316	2275	2245	2193	2138	2083	2336	2873	2873	2864	2854	2829	2797	2759	2721	2873

FEINLEIB, M. 7/67

Table 8-C-1

2 YEAR INCIDENCE PER 10,000 FOR TOTAL CHD

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	149	0	0	152	0	0	154	448	0	0	0	0	0	0	0	0	0
32	100	0	0	102	0	104	0	211	500	0	0	0	0	0	0	0	0	0
33	225	115	0	0	0	238	247	0	787	0	0	0	0	0	88	88	89	259
34	0	100	101	0	0	103	104	319	700	0	0	0	0	0	85	86	88	252
35	0	120	0	244	250	0	128	132	843	0	0	0	0	0	0	0	0	0
36	98	0	198	101	102	208	213	109	980	0	0	0	0	79	0	0	81	156
37	0	0	0	0	0	200	102	0	297	0	0	0	0	0	0	0	97	96
38	222	0	0	115	116	119	120	123	778	0	0	0	0	84	0	0	0	83
39	149	152	154	159	0	328	169	179	1194	86	0	0	0	0	0	0	0	86
40	0	99	0	300	103	211	108	220	990	0	0	96	0	0	0	0	0	96
41	0	0	169	172	175	179	192	392	1186	211	0	0	108	0	0	109	0	421
42	333	0	233	120	122	375	0	400	1444	0	0	0	0	0	83	0	0	83
43	0	0	0	141	286	0	294	769	1389	98	0	0	99	0	102	0	0	294
44	0	0	100	303	211	109	667	602	1800	0	0	0	112	0	230	0	244	562
45	116	118	119	366	128	135	417	294	1512	96	0	97	0	0	98	0	99	385
46	0	132	0	137	278	714	308	645	1974	128	0	0	132	0	137	0	0	385
47	152	154	159	167	1053	800	435	0	2424	114	230	118	119	0	0	513	0	1023
48	417	0	290	448	625	339	0	0	1944	233	119	122	123	0	385	0	0	930
49	175	0	0	0	545	192	392	204	1404	0	211	0	326	112	349	120	494	1474
50	385	133	274	0	143	735	159	968	2436	220	225	0	118	123	0	263	0	879
51	274	0	0	282	0	606	645	556	2055	408	106	110	0	0	112	233	370	1224
52	633	405	286	154	476	339	526	189	2532	0	105	108	109	0	220	341	241	1053
53	833	0	545	588	208	426	0	444	2667	156	159	161	0	167	702	189	0	1406
54	595	633	278	435	476	357	556	400	2976	119	0	120	370	260	270	0	448	1429
55	185	189	196	612	0	435	714	513	2407	353	488	385	135	423	152	0	159	1882
56	364	566	600	652	233	0	526	294	2727	128	130	263	270	282	145	149	0	1282
57	154	781	172	909	204	0	238	500	2462	263	0	135	411	429	0	455	656	2105
58	588	208	435	698	250	0	556	303	2549	149	152	312	0	323	172	526	943	2239
59	1111	1042	465	789	286	937	370	400	4074	303	156	159	484	339	357	0	800	2273
60	800	1087	244	513	0	278	0	333	2800	333	345	357	0	370	417	0	0	1667
61	667	0	1429	1667	2000	0	1429	0	5333	400	0	0	833	455	0	0	476	2000
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1250	0	1000
TOTAL	231	167	148	243	199	255	250	297	1614	97	63	64	90	76	107	91	131	686

See Tables 8-A-1 and 8-B-1 for definition of events and population.

Table 8-C-2

2 YEAR INCIDENCE PER 10,000 FOR TOTAL M I

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	149	0	0	0	0	0	152	299	0	0	0	0	0	0	0	0	0
32	0	0	0	0	101	0	103	208	400	0	0	0	0	0	0	0	0	0
33	0	112	0	0	0	116	119	0	337	0	0	0	0	0	88	88	0	172
34	0	0	0	101	0	0	104	319	500	0	0	0	0	0	0	0	86	84
35	0	120	0	0	0	0	123	127	361	0	0	0	0	0	0	0	0	0
36	98	0	198	0	0	102	103	208	686	0	0	0	0	0	0	0	81	78
37	0	0	0	0	0	100	102	0	198	0	0	0	0	0	0	0	97	96
38	0	0	0	112	0	0	0	118	222	0	0	0	0	0	0	0	86	83
39	0	149	0	0	0	323	167	0	597	0	0	0	0	0	0	0	0	0
40	0	0	99	300	0	104	105	108	693	0	0	0	0	0	0	0	0	0
41	0	0	169	0	172	0	0	0	339	0	0	0	105	0	0	106	0	211
42	111	112	115	0	119	123	0	513	1000	0	0	0	0	0	0	0	0	0
43	0	0	0	0	141	0	143	294	556	0	0	0	0	0	0	0	0	0
44	0	0	0	100	0	104	426	341	900	0	0	0	0	0	114	0	0	112
45	0	0	116	119	0	0	132	137	465	0	0	0	0	0	0	96	97	192
46	0	0	0	0	137	417	149	312	921	0	0	0	0	0	0	0	0	0
47	0	0	0	159	0	357	741	0	1061	0	227	0	0	0	0	0	0	227
48	139	141	143	290	606	164	0	0	1389	116	0	0	119	0	0	0	0	233
49	0	0	0	0	179	0	192	200	526	0	0	0	0	0	0	0	112	105
50	256	0	133	0	0	282	303	469	1282	0	0	0	112	0	241	0	127	440
51	0	0	0	137	0	147	455	351	959	102	103	0	0	0	0	110	0	306
52	253	260	0	145	0	154	156	0	886	0	0	0	0	0	0	0	0	0
53	167	0	339	357	189	196	200	408	1667	0	0	0	0	0	167	0	0	156
54	119	241	0	0	145	159	500	0	952	0	0	0	120	0	0	0	135	238
55	0	0	192	400	0	213	714	256	1481	0	0	238	0	127	132	135	0	588
56	182	556	196	408	435	0	513	0	2000	0	0	0	128	132	0	0	0	256
57	0	154	0	517	185	196	0	444	1231	0	0	0	263	0	0	0	147	395
58	0	0	400	638	0	0	250	263	1373	0	0	152	0	0	164	0	339	597
59	370	385	200	444	233	256	294	0	1852	0	0	0	152	0	317	0	179	606
60	200	612	0	465	0	256	0	0	1400	0	0	0	0	0	0	0	0	0
61	0	0	714	769	1667	0	1111	1250	4000	0	0	0	400	0	0	0	0	400
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	56	82	70	130	83	113	185	182	826	7	10	10	32	7	32	18	44	157

See Tables 8-A-2 and 8-B-2 for definition of events and population.

2 YEAR INCIDENCE PER 10,000 FOR M I - E C G

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	149	0	0	0	0	0	152	299	0	0	0	0	0	0	0	0	0
32	0	0	0	0	101	0	0	103	200	0	0	0	0	0	0	0	0	0
33	0	112	0	0	0	116	119	0	337	0	0	0	0	0	0	88	0	86
34	0	0	0	101	0	0	104	319	500	0	0	0	0	0	0	0	86	84
35	0	120	0	0	0	0	0	125	241	0	0	0	0	0	0	0	0	0
36	98	0	198	0	0	102	103	208	686	0	0	0	0	0	0	0	81	78
37	0	0	0	0	0	100	0	0	99	0	0	0	0	0	0	0	97	96
38	0	0	0	112	0	0	0	118	222	0	0	0	0	0	0	0	86	83
39	0	149	0	0	0	161	164	0	448	0	0	0	0	0	0	0	0	0
40	0	0	99	300	0	0	104	106	594	0	0	0	0	0	0	0	0	0
41	0	0	169	0	0	0	0	0	169	0	0	0	105	0	0	0	0	105
42	111	112	115	0	119	123	0	385	889	0	0	0	0	0	0	0	0	0
43	0	0	0	0	141	0	143	294	556	0	0	0	0	0	0	0	0	0
44	0	0	0	100	0	104	426	227	800	0	0	0	0	0	114	0	0	112
45	0	0	116	119	0	0	132	137	465	0	0	0	0	0	0	96	97	192
46	0	0	0	0	137	278	149	312	789	0	0	0	0	0	0	0	0	0
47	0	0	0	159	0	357	741	0	1061	0	227	0	0	0	0	0	0	227
48	139	141	143	290	455	161	0	0	1250	116	0	0	119	0	0	0	0	233
49	0	0	0	0	179	0	0	200	351	0	0	0	0	0	0	0	112	105
50	256	0	133	0	0	282	152	615	1282	0	0	0	112	0	120	0	125	330
51	0	0	0	137	0	147	455	0	685	102	103	0	0	0	0	110	0	306
52	253	260	0	145	0	154	156	0	886	0	0	0	0	0	0	0	0	0
53	167	0	339	357	189	196	200	408	1667	0	0	0	0	0	167	0	0	156
54	119	241	0	0	145	159	333	0	833	0	0	0	120	0	0	0	135	238
55	0	0	192	400	0	0	233	238	926	0	0	238	0	127	132	135	0	588
56	182	556	196	408	435	0	513	0	2000	0	0	0	128	132	0	0	0	256
57	0	154	0	517	185	196	0	222	1077	0	0	0	263	0	0	0	147	395
58	0	0	400	638	0	0	250	263	1373	0	0	152	0	0	164	0	169	448
59	370	385	200	444	233	256	294	0	1852	0	0	0	152	0	159	0	175	455
60	200	408	0	465	0	256	0	0	1200	0	0	0	0	0	0	0	0	0
61	0	0	714	769	833	0	1111	1250	3333	0	0	0	400	0	0	0	0	400
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	56	77	70	130	69	94	146	156	736	7	10	10	32	7	22	15	41	139

See Tables 8-A-3 and 8-B-3 for definition of events and population.

Table 8-C-4

2 YEAR INCIDENCE PER 10,000 FOR M I - HISTORY
BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE
FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	152	149	0	0	0	0	0	0	0	0	0
32	0	0	0	0	101	0	0	103	200	0	0	0	0	0	0	0	0	0
33	0	112	0	0	0	116	119	0	337	0	0	0	0	0	0	88	0	86
34	0	0	0	101	0	0	104	319	500	0	0	0	0	0	0	0	0	0
35	0	120	0	0	0	0	0	125	241	0	0	0	0	0	0	0	0	0
36	98	0	99	0	0	101	102	206	588	0	0	0	0	0	0	0	81	78
37	0	0	0	0	0	100	0	0	99	0	0	0	0	0	0	0	97	96
38	0	0	0	0	0	0	0	116	111	0	0	0	0	0	0	0	86	83
39	0	149	0	0	0	161	164	0	448	0	0	0	0	0	0	0	0	0
40	0	0	0	198	0	0	103	106	396	0	0	0	0	0	0	0	0	0
41	0	0	169	0	0	0	0	0	169	0	0	0	105	0	0	0	0	105
42	0	111	114	0	118	122	0	380	778	0	0	0	0	0	0	0	0	0
43	0	0	0	0	141	0	143	147	417	0	0	0	0	0	0	0	0	0
44	0	0	0	100	0	104	426	114	700	0	0	0	0	0	0	0	0	0
45	0	0	116	0	0	0	130	135	349	0	0	0	0	0	0	96	0	96
46	0	0	0	0	137	139	147	308	658	0	0	0	0	0	0	0	0	0
47	0	0	0	159	0	0	714	0	758	0	114	0	0	0	0	0	0	114
48	139	141	143	290	455	161	0	0	1250	0	0	0	118	0	0	0	0	116
49	0	0	0	0	179	0	0	200	351	0	0	0	0	0	0	0	112	105
50	128	0	0	133	0	278	152	308	897	0	0	0	0	0	119	0	123	220
51	0	0	0	137	0	147	455	0	685	0	102	0	0	0	0	109	0	204
52	253	0	0	145	0	154	156	0	633	0	0	0	0	0	0	0	0	0
53	0	0	333	179	0	0	189	577	1167	0	0	0	0	0	0	0	0	0
54	119	120	0	0	143	156	328	0	714	0	0	0	120	0	0	0	135	238
55	0	0	192	200	0	0	227	0	556	0	0	238	0	127	132	135	0	588
56	182	370	385	204	426	0	0	270	1636	0	0	0	128	132	0	0	0	256
57	0	154	0	345	182	192	0	217	923	0	0	0	132	0	0	0	147	263
58	0	0	400	638	0	0	250	0	1176	0	0	0	0	0	161	0	167	299
59	0	185	189	0	217	244	0	0	741	0	0	0	0	0	156	0	172	303
60	200	204	0	0	0	476	0	0	800	0	0	0	0	0	0	0	0	0
61	0	0	714	769	833	0	0	1111	2667	0	0	0	400	0	0	0	0	400
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	34	47	61	85	64	80	125	135	582	0	7	7	21	7	14	15	33	101

See Tables 8-A-4 and 8-B-4 for definition of events and population.

Table 8-C-5

2 YEAR INCIDENCE PER 10,000 FOR CORONARY INSUFFICIENCY

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	152	0	0	0	149	0	0	0	0	0	0	0	0	0
32	0	0	0	101	0	103	0	0	200	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	116	120	0	225	0	0	0	0	0	88	0	0	86
34	0	0	0	0	0	0	104	0	100	0	0	0	0	0	0	0	0	0
35	0	0	0	122	0	0	125	0	241	0	0	0	0	0	0	0	0	0
36	0	0	0	101	0	0	104	0	196	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	118	111	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	175	149	0	0	0	0	0	0	0	0	0
40	0	0	0	0	103	0	0	0	99	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	192	169	0	0	0	0	0	0	0	0	0
42	111	0	115	0	0	123	0	0	333	0	0	0	0	0	83	0	0	83
43	0	0	0	141	0	0	0	149	278	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	112	0	0	0	0	112
45	0	0	0	119	125	0	0	0	233	0	0	0	0	0	96	0	0	96
46	0	0	0	0	0	139	0	0	132	0	0	0	130	0	0	0	0	128
47	0	152	0	0	339	0	0	0	455	0	0	0	0	0	0	123	0	114
48	0	0	0	0	0	0	0	179	139	0	0	0	119	0	0	0	0	116
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	0	0	105
50	0	0	0	0	0	141	0	0	128	0	0	0	0	0	0	0	0	0
51	0	0	0	137	0	299	0	0	411	0	0	0	0	0	0	0	115	102
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	109	112	316
53	0	0	0	179	0	0	0	0	167	0	0	0	0	0	167	0	0	156
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	260	0	238
55	0	0	0	0	0	0	0	0	0	0	0	0	0	127	0	0	0	118
56	0	0	196	0	0	0	0	0	182	0	0	0	128	133	0	0	0	256
57	154	0	164	0	189	0	0	0	462	0	0	0	0	0	0	141	0	132
58	0	0	0	213	0	0	0	0	196	0	0	0	0	0	0	0	169	149
59	0	0	200	227	0	270	0	345	741	0	0	0	152	156	0	0	182	455
60	0	0	0	0	0	256	0	0	200	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	1111	1250	1333	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	9	4	18	40	28	43	25	36	184	0	0	0	18	11	22	18	15	80

See Tables 8-A-5 and 8-B-5 for definition of events and population.

Table 8-C-6

2 YEAR INCIDENCE PER 10,000 FOR ANGINA PECTORIS

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	152	0	0	154	299	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	112	0	0	0	0	235	122	0	449	0	0	0	0	0	0	0	89	86
34	0	0	101	0	0	0	104	0	200	0	0	0	0	0	85	86	0	168
35	0	120	0	122	250	0	128	132	723	0	0	0	0	0	0	0	0	0
36	0	0	0	0	102	104	213	0	392	0	0	0	0	79	0	0	0	78
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	111	0	0	0	0	118	119	0	333	0	0	0	0	84	0	0	0	83
39	0	149	0	0	0	0	169	179	448	86	0	0	0	0	0	0	0	86
40	0	99	0	200	0	105	0	0	396	0	0	96	0	0	0	0	0	96
41	0	0	169	172	0	0	0	0	339	105	0	0	106	0	0	0	0	211
42	111	0	116	0	122	250	0	267	778	0	0	0	0	0	83	0	0	83
43	0	0	0	0	286	0	294	462	972	98	0	0	99	0	102	0	0	294
44	0	0	100	202	105	109	222	241	900	0	0	0	0	0	115	0	244	337
45	0	116	0	241	0	135	278	147	814	0	0	96	0	0	0	0	0	96
46	0	0	0	137	278	286	0	161	789	0	0	0	0	0	135	0	0	128
47	152	154	159	167	702	400	0	0	1515	0	114	116	118	0	0	506	0	795
48	139	0	143	294	615	500	0	0	1528	116	119	122	123	0	256	0	0	698
49	0	0	0	0	0	0	0	0	0	0	211	0	217	112	349	0	370	1158
50	256	133	0	0	143	0	0	484	897	220	225	0	0	123	0	263	0	769
51	0	137	0	139	0	455	161	185	959	204	105	109	0	0	111	115	244	816
52	506	135	143	154	317	169	351	189	1646	0	105	108	109	0	110	341	120	842
53	667	0	179	192	0	213	0	0	1167	0	156	159	0	164	172	185	0	781
54	238	247	270	429	156	0	185	400	1548	119	0	120	247	260	270	0	149	1071
55	185	0	196	408	0	217	476	256	1481	235	482	128	135	282	152	0	159	1412
56	182	370	588	217	233	0	0	294	1636	128	130	263	135	0	145	149	0	897
57	154	625	0	727	0	0	238	0	1538	263	0	135	137	429	0	455	328	1579
58	392	204	213	227	244	0	270	0	1373	149	152	156	0	161	0	526	566	1493
59	370	1000	682	263	286	312	370	0	2593	152	154	156	159	167	175	0	196	1061
60	600	435	0	513	0	278	0	333	1800	0	333	0	0	0	417	0	0	667
61	667	0	714	833	2000	0	0	0	3333	400	0	0	417	455	0	0	0	1200
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1250	0	1000
TOTAL	120	104	85	137	128	117	112	117	839	59	60	50	50	54	70	75	65	463

See Tables 8-A-6 and 8-B-6 for definition of events and population.

2 YEAR INCIDENCE PER 10,000 FOR A P ONLY

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	112	0	0	0	0	0	0	0	112	0	0	0	0	0	0	0	89	86
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	86	0	168
35	0	0	0	0	125	0	128	0	241	0	0	0	0	0	0	0	0	0
36	0	0	0	0	102	0	106	0	196	0	0	0	0	79	0	0	0	78
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	111	0	0	0	0	119	0	0	222	0	0	0	0	0	0	0	0	0
39	0	152	0	0	0	0	0	0	149	86	0	0	0	0	0	0	0	86
40	0	0	0	0	0	105	0	0	99	0	0	96	0	0	0	0	0	96
41	0	0	0	172	0	0	0	0	169	105	0	0	0	0	0	0	0	105
42	111	0	0	0	0	125	0	0	222	0	0	0	0	0	0	0	0	0
43	0	0	0	0	143	0	147	308	556	98	0	0	99	0	102	0	0	294
44	0	0	100	202	105	0	111	120	600	0	0	0	0	0	0	0	244	225
45	0	118	0	0	0	0	278	147	465	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	143	0	161	263	0	0	0	0	0	137	0	0	128
47	0	0	0	0	351	400	0	0	606	0	0	118	119	0	0	385	0	568
48	0	0	0	0	0	339	0	0	278	116	119	122	0	0	256	0	0	581
49	0	0	0	0	0	0	0	0	0	0	211	0	217	112	233	0	370	1053
50	0	0	0	0	143	0	0	484	513	110	225	0	0	0	0	132	0	440
51	0	0	0	0	0	152	0	185	274	204	0	110	0	0	112	116	123	612
52	253	0	143	154	317	169	351	189	1266	0	105	108	109	0	110	227	120	737
53	500	0	0	0	0	213	0	0	667	0	159	161	0	167	175	189	0	781
54	238	0	0	435	159	0	0	400	952	119	0	0	247	130	135	0	149	714
55	0	0	0	0	0	0	0	256	185	235	488	128	0	141	152	0	159	1176
56	0	0	200	0	0	0	0	294	364	128	130	263	0	0	145	149	0	769
57	0	312	0	364	0	0	238	0	769	263	0	135	137	143	0	455	328	1316
58	392	0	217	0	250	0	278	0	980	0	152	156	0	0	0	351	566	1045
59	0	417	0	263	0	312	0	0	741	0	156	0	161	169	179	0	200	758
60	200	217	0	0	0	0	0	333	600	0	345	0	0	0	417	0	0	667
61	0	0	714	0	0	0	0	0	667	400	0	0	417	455	0	0	0	1200
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1250	0	1000
TOTAL	56	31	22	46	52	59	51	80	355	49	53	39	36	29	56	60	62	365

See Tables 8-A-7 and 8-B-7 for definition of events and population.

Table 8-C-8

2 YEAR INCIDENCE PER 10,000 FOR CHD OTHER THAN A P

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
GE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	149	0	0	152	0	0	154	448	0	0	0	0	0	0	0	0	0
32	0	0	0	101	0	103	0	208	400	0	0	0	0	0	0	0	0	0
33	0	112	0	0	0	233	241	0	562	0	0	0	0	0	88	88	0	172
34	0	100	0	101	0	103	104	319	700	0	0	0	0	0	0	0	86	84
35	0	120	0	244	0	0	125	128	602	0	0	0	0	0	0	0	0	0
36	98	0	198	101	0	103	104	211	784	0	0	0	0	0	0	0	81	78
37	0	0	0	0	0	200	102	0	297	0	0	0	0	0	0	0	97	96
38	0	0	0	112	114	0	0	235	444	0	0	0	0	0	0	0	86	83
39	0	149	152	156	0	323	167	175	1045	0	0	0	0	0	0	0	0	0
40	0	0	99	300	103	105	106	217	891	0	0	0	0	0	0	0	0	0
41	0	0	169	0	172	175	189	385	1017	0	0	0	105	0	0	106	0	211
42	222	0	230	119	120	247	0	390	1222	0	0	0	0	0	83	0	0	83
43	0	0	0	141	143	0	145	448	833	0	0	0	0	0	0	0	0	0
44	0	0	0	100	102	104	532	455	1200	0	0	0	112	0	230	0	0	337
45	0	0	116	357	125	0	267	278	1047	0	0	0	0	0	96	97	98	288
46	0	132	0	0	137	833	303	476	1711	0	0	0	130	0	0	0	0	128
47	0	152	0	161	678	370	769	0	1818	0	227	0	0	0	0	123	0	341
48	139	141	143	435	606	164	0	179	1667	116	0	0	119	0	125	0	0	349
49	0	0	0	0	536	189	385	200	1228	0	0	0	106	0	110	111	114	421
50	256	0	267	0	0	845	308	476	1923	0	0	0	112	0	241	0	127	440
51	0	0	0	274	143	448	781	364	1781	102	103	0	0	0	0	110	230	510
52	253	260	270	145	149	154	156	0	1266	0	0	0	0	0	106	109	112	316
53	167	0	339	536	377	196	200	408	2000	0	0	0	0	0	500	0	0	469
54	119	361	385	137	290	476	500	0	1905	0	0	0	120	0	0	390	278	714
55	0	185	192	600	0	638	714	256	2222	0	0	238	0	253	133	0	0	588
56	182	556	392	625	444	0	513	0	2364	0	0	0	256	267	0	0	0	513
57	154	312	164	526	377	0	0	455	1692	0	0	0	263	0	135	141	299	789
58	0	0	400	638	0	0	250	263	1373	0	0	152	0	308	164	0	678	1194
59	370	385	600	682	438	811	323	690	3333	0	0	0	303	156	323	0	727	1364
60	200	612	222	698	0	513	303	0	2200	0	0	333	345	357	0	0	0	1000
61	0	667	714	769	1667	0	1111	1250	4667	0	0	0	400	0	0	0	435	800
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	64	108	127	206	157	219	226	240	1233	7	10	14	53	28	65	40	86	292

See Tables 8-A-8 and 8-B-8 for definition of events and population.

Table 8-C-9

2 YEAR INCIDENCE PER 10,000 FOR TOTAL C V A

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
	EXAM INTERVAL									EXAM INTERVAL								
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	149	0	0	0	0	0	149	0	0	0	0	0	0	0	0	0
32	0	0	0	101	0	0	0	0	100	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	100	0	0	0	0	0	104	0	200	0	0	0	84	0	85	0	0	168
35	0	0	0	0	0	0	0	0	0	0	0	0	87	0	0	0	0	86
36	0	0	0	0	0	0	99	0	98	0	0	0	0	79	0	80	0	156
37	0	0	0	0	0	0	101	0	99	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	115	0	0	111	0	0	0	0	0	0	169	0	167
39	0	0	0	0	0	0	159	167	299	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	198	0	102	288
41	0	0	0	0	0	0	185	0	169	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	119	120	0	222	0	0	0	0	0	0	0	0	0
43	0	139	0	0	0	0	141	145	417	0	0	98	0	0	0	0	0	98
44	0	0	0	0	101	104	0	0	200	0	0	0	0	0	114	0	0	112
45	0	0	116	118	122	0	0	0	349	0	0	0	0	0	0	0	96	96
46	0	0	0	0	137	0	145	149	395	128	0	0	0	133	0	0	139	385
47	0	0	0	159	0	0	0	357	455	114	0	0	0	116	122	0	0	341
48	139	0	0	143	0	0	0	0	278	233	0	0	0	0	0	0	0	233
49	0	175	179	0	185	0	200	0	702	0	105	0	0	0	110	0	0	211
50	256	0	0	270	0	0	0	149	641	110	0	111	0	0	0	0	0	220
51	0	0	0	137	0	0	147	164	411	0	204	0	0	105	215	225	115	816
52	253	0	0	0	0	0	156	333	633	0	0	0	0	0	0	0	0	0
53	0	0	167	175	0	185	0	192	667	156	159	0	0	333	0	179	545	1250
54	119	0	0	133	143	152	0	339	714	238	122	0	0	250	260	137	143	1071
55	185	0	196	204	0	213	0	0	741	0	0	119	123	0	133	0	278	588
56	0	0	0	185	196	0	0	233	545	0	0	0	128	132	133	139	143	641
57	308	0	0	169	517	0	200	0	1077	0	0	0	0	132	270	145	0	526
58	196	0	0	0	0	222	0	0	392	149	0	154	0	0	0	333	0	597
59	185	0	0	0	0	0	263	571	741	0	0	0	152	156	0	508	357	1061
60	200	0	0	0	0	0	0	0	200	0	0	0	0	0	0	0	0	0
61	667	0	0	0	0	909	0	0	1333	0	0	0	0	0	417	0	0	400
62	0	0	0	0	2500	0	0	0	2500	1000	0	0	3333	0	0	0	0	4000
TOTAL	60	9	22	53	45	37	62	73	338	35	17	14	28	39	54	52	49	278

See Tables 8-A-9 and 8-B-9 for definition of events and population.

Table 8-C-10

2 YEAR INCIDENCE PER 10,000 FOR BRAIN INFARCTION

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	149	0	0	0	0	0	149	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	78
37	0	0	0	0	0	0	101	0	99	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	115	0	0	111	0	0	0	0	0	0	85	0	83
39	0	0	0	0	0	0	159	0	149	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99	0	102	192
41	0	0	0	0	0	0	185	0	169	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	141	145	278	0	0	98	0	0	0	0	0	98
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114	0	0	112
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	96
46	0	0	0	0	137	0	0	0	132	0	0	0	0	133	0	0	139	256
47	0	0	0	159	0	0	0	357	455	0	0	0	0	116	122	0	0	227
48	139	0	0	143	0	0	0	0	278	116	0	0	0	0	0	0	0	116
49	0	175	179	0	185	0	200	0	702	0	105	0	0	0	110	0	0	211
50	128	0	0	135	0	0	0	149	385	110	0	111	0	0	0	0	0	220
51	0	0	0	137	0	0	0	164	274	0	0	0	0	105	108	112	115	408
52	127	0	0	0	0	0	0	167	253	0	0	0	0	0	0	0	0	0
53	0	0	167	175	0	185	0	192	667	0	159	0	0	167	0	179	182	625
54	0	0	0	133	143	152	0	169	476	119	122	0	0	250	130	137	0	714
55	185	0	0	204	0	213	0	0	556	0	0	119	123	0	133	0	139	471
56	0	0	0	185	196	0	0	0	364	0	0	0	128	132	133	0	143	513
57	0	0	0	169	517	0	200	0	769	0	0	0	0	132	270	145	0	526
58	0	0	0	0	0	0	0	0	0	0	0	154	0	0	0	167	0	299
59	185	0	0	0	0	0	0	0	185	0	0	0	152	0	0	508	0	606
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	667	0	0	0	0	909	0	0	1333	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	1000	0	0	2222	0	0	0	0	3000
TOTAL	26	4	13	40	32	23	28	39	193	14	10	14	18	29	36	37	26	178

See Tables 8-A-10 and 8-B-10 for definition of events and population.

Table 8-C-11

2 YEAR INCIDENCE PER 10,000 FOR C V A OTHER THAN B I

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	101	0	0	0	0	100	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	100	0	0	0	0	0	104	0	200	0	0	0	84	0	85	0	0	168
35	0	0	0	0	0	0	0	0	0	0	0	0	87	0	0	0	0	86
36	0	0	0	0	0	0	99	0	98	0	0	0	0	79	0	0	0	78
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	0	83
39	0	0	0	0	0	0	0	167	149	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99	0	0	96
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	119	120	0	222	0	0	0	0	0	0	0	0	0
43	0	139	0	0	0	0	0	0	139	0	0	0	0	0	0	0	0	0
44	0	0	0	0	101	104	0	0	200	0	0	0	0	0	0	0	0	0
45	0	0	116	118	122	0	0	0	349	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	145	149	263	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	116	0	0	0	0	0	0	0	116
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	135	0	0	0	0	128	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	147	0	137	0	204	0	0	0	108	112	0	408
52	0	0	0	0	0	0	156	167	253	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	167	0	0	364	469
54	119	0	0	0	0	0	0	169	238	119	0	0	0	0	130	0	143	357
55	0	0	196	0	0	0	0	0	185	0	0	0	0	0	0	0	139	118
56	0	0	0	0	0	0	0	233	182	0	0	0	0	0	0	139	0	128
57	154	0	0	0	0	0	0	0	154	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	222	0	0	196	149	0	0	0	0	0	167	0	299
59	0	0	0	0	0	0	263	571	556	0	0	0	0	156	0	0	357	455
60	200	0	0	0	0	0	0	0	200	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	417	0	0	400
62	0	0	0	0	2500	0	0	0	2500	0	0	0	1111	0	0	0	0	1000
TOTAL	17	4	9	13	14	14	33	34	128	10	7	0	11	11	18	15	22	90

See Tables 8-A-11 and 8-B-11 for definition of events and population.

Table 8-C-12

2 YEAR INCIDENCE PER 10,000 FOR INTERMITTENT CLAUDICATION

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
GE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	357	0	0	0	357	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	152	0	149	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	116	0	112	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	103	0	100	0	84	0	0	0	0	86	0	168
35	0	0	0	0	0	122	0	0	120	0	0	0	0	0	0	0	0	0
36	98	0	0	0	0	0	100	101	294	0	0	79	0	0	0	0	0	78
37	99	0	0	0	0	101	0	0	198	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	115	116	119	333	0	0	0	0	0	0	0	86	83
39	149	0	0	0	0	0	0	0	149	0	0	0	86	0	0	0	0	86
40	0	0	0	0	99	0	0	0	99	96	0	0	0	0	0	0	0	96
41	0	0	0	0	0	172	0	0	169	0	0	0	0	0	0	0	0	0
42	0	111	0	230	0	123	0	0	444	0	0	0	0	0	0	84	0	83
43	0	0	0	0	282	145	0	149	556	0	0	0	0	0	0	0	0	0
44	0	100	0	0	0	0	105	0	200	112	0	114	0	0	0	120	0	337
45	0	0	0	0	0	128	0	0	116	96	0	0	0	0	0	0	0	96
46	0	0	0	0	0	0	143	149	263	0	0	128	0	0	0	0	137	256
47	303	0	159	0	0	0	0	0	455	227	0	0	0	0	0	0	0	227
48	0	139	0	0	0	0	152	0	278	116	0	0	0	0	0	0	0	116
49	0	0	0	0	0	0	0	196	175	105	106	0	0	0	225	0	116	526
50	0	0	0	0	0	0	0	147	128	110	111	0	115	0	0	0	0	330
51	0	137	0	0	141	149	0	345	685	0	0	0	0	0	0	0	222	204
52	127	128	0	145	149	469	169	0	1013	105	0	0	0	0	0	109	112	316
53	0	0	333	0	0	185	377	0	833	0	312	0	0	164	0	0	0	469
54	238	0	125	135	145	156	164	0	833	238	0	122	0	0	0	263	143	714
55	185	189	400	0	0	0	0	0	741	0	118	0	123	0	0	270	143	588
56	182	0	185	385	208	0	0	513	1273	0	0	0	0	0	130	0	137	256
57	308	159	0	179	185	0	208	0	923	132	0	0	133	0	137	0	303	658
58	588	0	0	0	0	238	256	0	980	149	0	0	154	0	333	0	0	597
59	185	0	0	408	0	250	286	0	926	0	0	0	152	0	159	169	179	606
60	200	204	213	233	0	250	294	0	1200	333	0	0	0	0	0	0	0	333
61	0	0	0	714	833	0	0	0	1333	0	0	0	0	0	417	0	0	400
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	73	34	35	49	45	75	77	50	411	49	21	14	21	4	29	33	45	209

See Tables 8-A-12 and 8-B-12 for definitions of events and population.

Table 8-C-13

2 YEAR INCIDENCE PER 10,000 FOR CONGESTIVE HEART FAILURE

BY SEX, AGE AT EXAM 1, AND TIME OF FIRST APPEARANCE

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	152	0	149	0	0	0	0	0	0	0	0	0
32	0	100	0	101	0	0	0	0	200	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	120	0	0	0	0	0	0	120	0	0	0	0	0	88	0	0	86
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	115	0	111	0	0	0	0	168	0	0	0	167
39	0	0	0	0	0	159	0	0	149	86	0	0	0	0	0	88	0	172
40	0	0	99	0	0	100	101	0	297	0	0	0	96	0	0	0	0	96
41	0	0	0	0	0	172	0	0	169	105	0	0	0	0	0	0	0	105
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	282	0	0	278	98	0	99	0	0	0	0	0	196
44	0	0	0	0	0	0	0	215	200	112	0	0	0	0	0	119	0	225
45	0	0	0	118	122	0	132	0	349	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	143	0	132	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	175	152	0	0	0	114	0	119	123	0	341
48	0	0	0	141	145	0	0	0	278	233	0	0	0	0	0	0	0	233
49	0	0	0	179	0	0	192	0	351	0	0	0	106	0	0	0	114	211
50	0	0	0	132	135	0	0	0	256	110	0	0	0	116	0	0	125	330
51	0	137	0	139	0	0	0	0	274	204	0	0	106	0	0	110	114	510
52	127	256	0	286	0	0	156	0	759	105	0	0	0	0	0	0	111	211
53	0	167	0	345	0	0	0	0	500	0	0	156	0	0	500	0	179	781
54	119	120	0	133	143	0	156	0	595	119	0	0	120	123	0	132	137	595
55	0	0	0	0	204	0	0	0	185	0	118	120	0	256	137	0	0	588
56	182	185	377	200	208	0	0	0	1091	0	0	128	0	130	0	135	0	385
57	0	0	0	339	357	192	0	0	769	0	0	0	0	0	133	141	0	263
58	196	0	0	0	208	0	0	0	392	0	0	152	0	154	167	169	0	597
59	185	0	0	0	0	698	857	0	1296	152	0	0	0	0	159	0	0	303
60	0	0	0	0	0	0	263	0	200	0	0	0	345	0	0	417	0	667
61	0	0	0	714	0	909	0	0	1333	0	0	0	400	0	0	0	0	400
62	0	0	0	0	0	3333	0	0	2500	0	0	0	0	0	0	0	0	0
TOTAL	21	34	13	66	41	51	57	15	283	42	3	18	25	28	32	33	22	198

See Tables 8-A-13 and 8-B-13 for definitions of events and population.

Table 8-C-14

YEAR DEATH RATES PER 10,000 FOR ALL CAUSES

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	149	0	0	0	0	0	149	0	0	0	0	0	139	0	0	139
32	0	120	0	0	101	0	0	102	300	0	116	0	0	102	0	206	0	404
33	0	0	0	225	0	115	0	116	449	0	0	86	0	87	88	88	0	345
34	0	106	0	0	101	102	103	0	400	0	0	0	0	84	85	85	0	252
35	0	0	0	120	0	0	122	123	361	0	0	86	87	0	0	0	88	259
36	0	0	0	0	98	0	0	0	98	0	85	0	0	0	79	159	242	547
37	0	0	0	99	0	100	101	102	396	0	0	0	96	0	0	0	97	192
38	0	0	111	0	225	0	115	0	444	0	103	0	0	0	84	169	259	583
39	0	0	299	308	0	0	317	328	1194	0	0	0	0	86	87	88	265	517
40	0	0	0	0	99	100	202	206	594	0	0	0	96	194	0	99	100	481
41	0	0	0	0	169	690	370	385	1525	0	0	0	0	0	0	105	426	526
42	0	133	112	114	345	119	241	247	1222	0	0	0	0	83	83	168	85	413
43	0	169	0	0	0	0	141	143	417	0	0	0	196	0	100	101	102	490
44	0	0	0	100	202	103	312	645	1300	0	0	0	112	0	341	118	238	787
45	0	0	116	235	602	128	260	267	1512	0	0	0	0	0	0	0	96	96
46	0	290	135	0	0	411	286	588	1579	0	0	128	130	132	133	0	0	513
47	0	167	308	317	656	0	0	351	1667	0	0	0	114	345	238	122	0	795
48	0	0	139	141	143	290	597	159	1389	0	135	0	353	0	366	127	385	1279
49	0	0	175	0	357	185	377	392	1404	0	0	105	106	215	0	220	112	737
50	0	159	130	132	267	685	0	735	1923	0	0	220	337	233	357	0	370	1429
51	0	0	0	137	417	145	1029	656	2192	0	227	0	0	104	211	323	111	918
52	0	145	897	141	286	294	606	484	2532	0	132	0	0	0	106	215	330	737
53	0	0	333	172	175	0	179	1091	1833	0	0	0	312	323	167	0	339	1094
54	0	417	617	526	694	299	615	492	3095	0	0	119	120	122	370	513	270	1429
55	0	455	385	200	0	1020	227	0	2037	0	133	238	244	375	130	263	541	1765
56	0	0	182	370	385	1000	444	465	2545	0	0	0	128	0	260	267	0	641
57	0	351	635	169	345	714	192	1373	3231	0	0	0	0	132	400	417	435	1316
58	0	233	200	0	816	444	233	238	1961	0	189	0	0	606	161	164	1000	1940
59	0	0	741	400	1042	1163	526	1111	4074	0	0	0	152	154	469	328	678	1667
60	0	408	625	444	0	1163	1053	588	3600	0	0	333	345	1071	0	0	400	2000
61	0	667	0	714	769	833	909	3000	5333	0	0	0	400	0	417	0	435	1200
62	0	0	0	0	2500	3333	5000	10000	10000	0	0	0	1000	1111	0	0	0	2000
TOTAL	0	99	177	132	232	251	257	341	1387	0	37	35	88	113	136	138	202	721

Table 8-C-15

2 YEAR DEATH RATES PER 10,000 FOR CHD - SUDDEN

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	102	100	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	106	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	123	120	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	100	0	0	99	0	0	0	0	0	0	0	0	0
38	0	0	0	0	112	0	0	0	111	0	0	0	0	0	0	0	0	0
39	0	0	149	154	0	0	0	0	299	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	100	0	103	198	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	172	185	0	339	0	0	0	0	0	0	0	0	0
42	0	0	0	114	115	0	0	0	222	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	101	0	104	0	200	0	0	0	0	0	114	0	0	112
45	0	0	0	118	241	0	130	133	581	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	137	143	294	526	0	0	0	0	0	0	0	0	0
47	0	0	0	0	164	0	0	0	152	0	0	0	0	0	119	0	0	114
48	0	0	0	141	0	0	0	0	139	0	0	0	0	0	122	0	0	116
49	0	0	0	0	357	185	189	0	702	0	0	0	106	0	0	0	0	105
50	0	0	0	0	0	411	0	0	385	0	0	0	0	0	0	0	0	0
51	0	0	0	0	139	145	147	164	548	0	0	0	0	0	0	0	111	102
52	0	0	256	0	0	147	152	0	506	0	0	0	0	0	0	0	0	0
53	0	0	0	172	175	0	179	0	500	0	0	0	0	0	167	0	0	156
54	0	139	247	132	139	299	0	0	833	0	0	0	0	0	0	128	135	238
55	0	227	0	0	0	0	0	0	185	0	0	0	0	0	0	0	0	0
56	0	0	0	185	0	200	0	233	545	0	0	0	0	0	0	0	0	0
57	0	175	0	0	0	0	0	392	462	0	0	0	0	0	133	0	290	395
58	0	0	0	0	0	0	0	238	196	0	0	0	0	152	0	0	167	299
59	0	0	185	400	208	233	0	0	926	0	0	0	0	0	0	0	339	303
60	0	0	417	222	0	0	263	0	800	0	0	333	0	0	0	0	0	333
61	0	0	0	0	0	0	0	1000	667	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	20	35	44	53	64	42	58	295	0	0	3	4	4	18	4	26	56

Table 8-C-16

2 YEAR DEATH RATES PER 10,000 FOR CHD - NOT SUDDEN

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
GE AT XAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	116	112	0	0	0	0	0	88	88	0	172
34	0	0	0	0	0	102	0	0	100	0	0	0	0	0	0	0	0	0
35	0	0	0	120	0	0	0	0	120	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81	78
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	101	0	99	0	0	0	0	0	0	0	0	0
41	0	0	0	0	169	0	185	192	508	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	123	111	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	104	430	500	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	145	0	0	0	274	0	0	395	0	0	0	0	0	0	0	0	0
47	0	0	0	0	328	0	0	0	303	0	0	0	0	0	0	0	0	0
48	0	0	139	0	0	0	149	0	278	0	0	0	0	0	122	0	0	116
49	0	0	0	0	0	0	189	196	351	0	0	0	0	0	0	110	0	105
50	0	0	130	0	0	137	0	147	385	0	0	0	0	0	119	0	123	220
51	0	0	0	0	0	0	294	0	274	0	0	0	0	0	0	0	0	0
52	0	0	256	0	143	147	152	0	633	0	0	0	0	0	0	0	0	0
53	0	0	167	0	0	0	0	545	667	0	0	0	0	0	0	0	0	0
54	0	0	123	0	0	0	308	0	357	0	0	0	0	0	0	0	0	0
55	0	0	192	200	0	612	227	0	1111	0	0	119	0	125	0	0	135	353
56	0	0	0	185	0	200	0	0	364	0	0	0	0	0	130	0	0	128
57	0	0	0	0	0	0	0	196	154	0	0	0	0	132	0	0	145	263
58	0	0	0	0	204	222	0	0	392	0	0	0	0	152	161	0	333	597
59	0	0	0	0	417	233	263	278	926	0	0	0	152	0	0	0	0	152
60	0	204	0	0	0	233	263	0	600	0	0	0	345	357	0	0	0	667
61	0	667	0	714	769	0	0	1000	2667	0	0	0	400	0	0	0	435	800
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	15	30	18	36	55	61	72	265	0	0	3	11	14	18	7	26	77

Table 8-C-17

2 YEAR DEATH RATES PER 10,000 FOR C V A

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	0	78
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	0	83
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	99	0	0	0	99	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	119	0	123	222	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	108	100	0	0	0	0	0	0	0	0	0
45	0	0	116	0	120	0	0	133	349	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	143	294	395	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	118	0	0	0	0	116
49	0	0	0	0	0	0	0	0	0	0	0	105	0	0	0	0	0	105
50	0	0	0	0	133	0	0	147	256	0	0	0	0	0	0	0	123	110
51	0	0	0	0	0	0	147	0	137	0	114	0	0	0	0	215	0	306
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	161	0	0	0	156
54	0	0	0	0	139	0	0	164	238	0	0	0	0	0	123	0	0	119
55	0	0	192	0	0	0	0	0	185	0	0	0	0	0	130	132	0	235
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	159	169	0	0	0	0	308	0	0	0	0	0	133	0	0	132
58	0	0	0	0	0	222	0	0	196	0	0	0	0	0	0	0	0	0
59	0	0	0	0	208	233	0	556	741	0	0	0	0	0	0	164	0	152
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	417	0	0	400
62	0	0	0	0	2500	0	0	0	2500	0	0	0	1000	1111	0	0	0	2000
TOTAL	0	0	13	4	27	14	9	43	103	0	4	3	7	7	14	22	4	59

Table 8-C-18

2 YEAR DEATH RATES PER 10,000 FOR OTHER C V D

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	120	0	0	0	0	0	0	100	0	0	0	0	0	0	206	0	202
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	98	0	0	0	98	0	85	0	0	0	0	0	0	78
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	83
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	0	0	86
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	169	0	0	0	0	0	0	139	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	112	0	0	0	119	225
45	0	0	0	0	120	0	130	0	233	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	145	0	0	139	0	135	0	118	0	0	0	0	233
49	0	0	175	0	0	0	0	0	175	0	0	0	0	0	0	110	0	105
50	0	0	0	0	133	137	0	0	256	0	0	0	112	0	119	0	0	220
51	0	0	0	0	139	0	0	0	137	0	0	0	0	104	105	108	0	306
52	0	0	385	0	0	0	0	323	633	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	312	0	0	0	339	625
54	0	0	123	0	278	0	154	164	595	0	0	119	0	0	0	128	0	238
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135	118
56	0	0	0	0	192	200	0	0	364	0	0	0	128	0	0	133	0	256
57	0	0	0	0	172	0	0	0	154	0	0	0	0	0	0	0	0	0
58	0	0	0	0	204	0	0	0	196	0	0	0	0	0	0	0	167	149
59	0	0	0	0	0	0	0	0	0	0	0	0	0	154	156	0	0	303
60	0	204	0	0	0	0	263	0	400	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	5000	0	2500	0	0	0	0	0	0	0	0	0
TOTAL	0	15	22	0	40	14	19	14	116	0	8	3	21	7	14	22	22	94

2 YEAR DEATH RATES PER 10,000 FOR CANCER

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	116	0	0	0	0	0	0	101
33	0	0	0	0	0	0	0	0	0	0	0	86	0	0	0	0	0	86
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	86	0	0	0	0	0	86
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	0	81	156
37	0	0	0	99	0	0	101	102	297	0	0	0	96	0	0	0	0	96
38	0	0	0	0	112	0	0	0	111	0	103	0	0	0	84	85	86	333
39	0	0	0	0	0	0	317	328	597	0	0	0	0	86	0	88	88	259
40	0	0	0	0	0	0	101	0	99	0	0	0	96	97	0	0	0	192
41	0	0	0	0	0	517	0	192	678	0	0	0	0	0	0	105	319	421
42	0	0	112	0	115	0	120	0	333	0	0	0	0	83	83	84	0	248
43	0	0	0	0	0	0	0	143	139	0	0	0	98	0	0	101	0	196
44	0	0	0	0	101	103	0	0	200	0	0	0	0	0	227	118	119	449
45	0	0	0	118	0	0	0	0	116	0	0	0	0	0	0	0	96	96
46	0	0	135	0	0	0	0	0	132	0	0	128	0	132	0	0	0	256
47	0	0	0	317	0	0	0	175	455	0	0	0	0	0	119	122	0	227
48	0	0	0	0	0	0	149	159	278	0	0	0	118	0	122	127	256	581
49	0	0	0	0	0	0	0	196	175	0	0	0	0	108	0	0	0	105
50	0	159	0	0	0	0	0	147	256	0	0	110	225	233	0	0	0	549
51	0	0	0	137	139	0	0	328	548	0	114	0	0	0	105	0	0	204
52	0	0	0	141	0	0	303	0	380	0	0	0	0	0	0	108	110	211
53	0	0	0	0	0	0	0	364	333	0	0	0	0	161	0	0	0	156
54	0	278	123	132	139	0	0	0	595	0	0	0	120	122	0	128	0	357
55	0	227	0	0	0	0	0	0	185	0	133	119	244	125	0	132	270	941
56	0	0	0	0	0	200	222	233	545	0	0	0	0	0	130	133	0	256
57	0	175	159	0	0	179	192	588	1077	0	0	0	0	0	0	139	0	132
58	0	233	0	0	204	0	0	0	392	0	189	0	0	303	0	164	167	746
59	0	0	185	0	208	233	263	0	741	0	0	0	0	0	156	164	0	303
60	0	0	208	222	0	465	0	294	1000	0	0	0	0	357	0	0	0	333
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	10000	2500	0	0	0	0	0	0	0	0	0
TOTAL	0	30	26	35	31	41	51	91	283	0	20	17	32	46	36	54	51	247

Table 8-C-20

2 YEAR DEATH RATES PER 10,000 FOR OTHER CAUSES

BY SEX, AGE AT EXAM 1, AND TIME OF DEATH

FRAMINGHAM STUDY: 14 YEAR FOLLOW-UP

	MEN									WOMEN								
		EXAM INTERVAL									EXAM INTERVAL							
AGE AT EXAM 1	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL	AT ENTRY	1-2	2-3	3-4	4-5	5-6	6-7	7-8	TOTAL
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	149	0	0	0	0	0	149	0	0	0	0	0	139	0	0	139
32	0	0	0	0	101	0	0	0	100	0	0	0	0	102	0	0	0	101
33	0	0	0	225	0	115	0	0	337	0	0	0	0	87	0	0	0	86
34	0	0	0	0	101	0	103	0	200	0	0	0	0	84	85	85	0	252
35	0	0	0	0	0	0	122	0	120	0	0	0	87	0	0	0	88	172
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	81	156
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	97	96
38	0	0	111	0	0	0	115	0	222	0	0	0	0	0	0	0	86	83
39	0	0	149	154	0	0	0	0	299	0	0	0	0	0	0	0	177	172
40	0	0	0	0	0	0	0	103	99	0	0	0	0	97	0	99	100	288
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	105
42	0	133	0	0	115	0	120	0	333	0	0	0	0	0	0	84	85	165
43	0	0	0	0	0	0	141	0	139	0	0	0	98	0	100	0	102	294
44	0	0	0	100	0	0	104	108	300	0	0	0	0	0	0	0	0	0
45	0	0	0	0	120	128	0	0	233	0	0	0	0	0	0	0	0	0
46	0	145	0	0	0	0	0	0	132	0	0	0	130	0	133	0	0	256
47	0	167	308	0	164	0	0	175	758	0	0	0	114	345	0	0	0	455
48	0	0	0	0	143	145	299	0	556	0	0	0	0	0	0	0	128	116
49	0	0	0	0	0	0	0	0	0	0	0	0	0	108	0	0	112	211
50	0	0	0	132	0	0	0	294	385	0	0	110	0	0	119	0	123	330
51	0	0	0	0	0	0	441	164	548	0	0	0	0	0	0	0	0	0
52	0	145	0	0	143	0	0	161	380	0	132	0	0	0	106	108	220	526
53	0	0	167	0	0	0	0	182	333	0	0	0	0	0	0	0	0	0
54	0	0	0	263	0	0	154	164	476	0	0	0	0	0	247	128	135	476
55	0	0	0	0	0	408	0	0	370	0	0	0	0	125	0	0	0	118
56	0	0	182	0	192	200	222	0	727	0	0	0	0	0	0	0	0	0
57	0	0	317	0	172	536	0	196	1077	0	0	0	0	0	133	278	0	395
58	0	0	200	0	204	0	233	0	588	0	0	0	0	0	0	0	167	149
59	0	0	370	0	0	233	0	278	741	0	0	0	0	0	156	0	339	455
60	0	0	0	0	0	465	263	294	800	0	0	0	0	357	0	0	400	667
61	0	0	0	0	0	833	909	1000	2000	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	3333	0	0	2500	0	0	0	0	0	0	0	0	0
TOTAL	0	20	52	31	45	64	75	62	325	0	4	3	14	35	36	29	74	188

Table 8-21. CHD experience in 14-year follow-up of the 82 persons with pre-existing CHD: Framingham Heart Study

Record Number	Age at Exam 1	Sex	Exam 1 Diagnosis	Later Events (Definite CHD and Death)
28	56	M	Definite MI-History	AP, Exam 3 Non-CHD Death, Exam 8
83	51	M	Possible MI-ECG	AP, Exam 2 CI-ECG & CI-History, Exam 4
252	50	F	Definite AP	MI-ECG, Exam 6 MI-History & MI-ECG, Exam 6 CHD Death-Not Sudden, Exam 6
392	45	M	Possible MI-ECG	CHD Death-Sudden, Exam 4
439	52	M	Definite AP Definite MI-History	CHD Death-Sudden, Exam 3
507	53	M	Definite AP	
572	45	F	Possible MI-ECG	
581	50	M	Definite AP Possible MI-History	MI-History & Transaminase, Exam 7 MI-ECG, Exam 8
828	58	M	Definite AP	
1100	58	M	Definite MI-History Possible MI-ECG	
1141	52	M	Definite MI-History Definite MI-ECG	AP, Exam 5 CHD Death-Sudden, Exam 6
1152	58	F	Definite AP Definite MI-History	CHD Death-Sudden, Exam 5
1163	54	M	Definite AP	
1167	52	M	Definite AP	
1309	50	M	Definite AP Definite MI-History Definite MI-ECG	
1779	54	M	Definite AP	
1825	47	M	Definite AP	CI-ECG & CI-History, Exam 5 CHD Death-Not Sudden, Exam 5

Table 8-21. (Contd.)

Record Number	Age at Exam 1	Sex	Exam 1 Diagnosis	Later Events (Definite CHD and Death)
1904	48	F	Definite MI-ECG	
2171	54	F	Definite AP	
2308	53	M	Definite AP Possible MI-History Definite MI-ECG	CHD Death-Not Sudden, Exam 3
2480	32	M	Possible MI-ECG	
2519	38	M	Possible MI-ECG	
2534	48	M	Definite MI-History	AP, Exam 6
2716	57	M	Definite AP Possible MI-ECG Definite CI-History Definite CI-ECG	CHD Death-Sudden, Exam 8
2833	59	M	Definite MI-ECG	CHD Death-Sudden, Exam 4
2872	33	M	Definite AP	
2878	59	F	Definite AP Possible MI-ECG	CI-ECG & CI-History, Exam 8
2927	51	F	Definite AP	
3059	39	M	Possible MI-ECG	AP, Exam 2 Non-CHD Death, Exam 8
3170	59	M	Possible MI-ECG	AP, Exam 3 MI-ECG, Exam 3 MI-History & MI-ECG, Exam 3 CHD Death-Not Sudden, Exam 5
3307	52	M	Definite AP	Non-CHD Death, Exam 7
3317	59	M	Definite AP	CI-ECG & CI-History, Exam 8
3373	39	F	Definite AP	
3428	48	M	Definite AP	MI-ECG, Exam 2 MI-History & MI-ECG, Exam 2 CHD Death-Not Sudden, Exam 3
3503	55	M	Definite AP	CHD Death-Not Sudden, Exam 4

Table 8-21. (Contd.)

Record Number	Age at Exam 1	Sex	Exam 1 Diagnosis	Later Events (Definite CHD and Death)
3563	42	M	Definite CI-History Definite CI-ECG	MI-ECG, Exam 2 MI-History & MI-ECG, Exam 2 AP, Exam 4 CHD Death-Sudden, Exam 5
3612	43	F	Definite AP	
3619	58	M	Definite AP	
3661	48	F	Definite AP	
3689	51	F	Definite AP	
3691	53	M	Definite AP	
3705	60	F	Possible MI-ECG	CHD Death-Not Sudden, Exam 4
3722	50	F	Definite AP	
3758	60	M	Definite AP	MI-ECG, Exam 4 CHD Death-Sudden, Exam 7
3812	53	M	Possible MI-ECG	CHD Death-Sudden, Exam 5
3858	55	F	Definite AP	
3881	41	F	Possible MI-ECG	
3914	54	M	Possible MI-ECG	Non-CHD Death, Exam 3
3973	50	M	Definite MI-ECG	Non-CHD Death, Exam 6
4086	51	F	Definite MI-ECG	
4119	33	M	Possible MI-ECG	
4121	46	F	Possible MI-ECG	
4168	36	M	Definite MI-History Definite MI-ECG	AP, Exam 2
4247	38	M	Definite AP	
4422	54	M	Definite MI-History Definite MI-ECG	AP, Exam 5 MI-History & Transaminase, Exam 7 CHD Death-Not Sudden, Exam 7
4517	42	M	Definite AP	

Table 8-21. (Contd.)

Record Number	Age at Exam 1	Sex	Exam 1 Diagnosis	Later Events (Definite CHD and Death)
4574	53	M	Definite AP Possible MI-History Possible MI-ECG	
4637	48	M	Definite MI-History Definite MI-ECG	
4666	56	F	Definite AP	Non-CHD Death, Exam 7
4719	60	M	Definite MI-History Definite MI-ECG	AP, Exam 2 CI-ECG & CI-History, Exam 2 CHD Death-Sudden, Exam 3
4754	51	M	Possible MI-ECG	CHD Death-Sudden, Exam 5
4772	51	F	Possible MI-ECG	
4940	60	M	Definite AP	Non-CHD Death, Exam 2
4955	61	F	Definite AP Possible MI-History Possible MI-ECG	
4988	57	F	Definite AP	Non-CHD Death, Exam 7
5128	55	F	Definite AP	
5165	57	F	Definite AP	
5238	41	F	Definite AP	
5374	49	M	Possible MI-ECG	
5547	59	M	Definite MI-ECG	CHD Death-Not Sudden, Exam 5
5692	47	F	Possible MI-ECG	
5710	42	M	Definite MI-ECG	
5777	53	F	Possible MI-ECG	
5819	59	F	Possible MI-ECG	
5897	52	M	Definite AP Definite MI-History Definite MI-ECG	CI-ECG & CI-History, Exam 2 CHD Death-Sudden, Exam 7

Table 8-21. (Contd.)

Record Number	Age at Exam 1	Sex	Exam 1 Diagnosis	Later Events (Definite CHD and Death)
5979	59	M	Possible MI-ECG	MI-ECG, Exam 2 AP, Exam 3 CHD Death-Sudden, Exam 4
6147	60	M	Definite AP	MI-ECG, Exam 6 MI-History & MI-ECG, Exam 6 MI-History & Transaminase, Exam 6 Non-CHD Death, Exam 7
6190	56	M	Definite AP Definite MI-History Definite MI-ECG	
6207	54	M	Possible MI-ECG	MI-ECG, Exam 6 MI-History & MI-ECG, Exam 6 MI-History & Transaminase, Exam 6
6221	55	F	Definite CI-ECG	Non-CHD Death, Exam 2
6371	61	M	Definite AP Definite MI-History	CHD Death-Not Sudden, Exam 2
6435	59	M	Definite AP	CHD Death-Sudden, Exam 3

Note: Only the first episode of a specified manifestation is noted under Later Events.

Table 8-22

Number of Cases by Sex of Specified Events Occurring in 14-Year Follow-Up by Exam Interval

Framingham Study: MEN

Event	Total	1-2	2-3	3-4	4-5	5-6	6-7	7-8
Total CHD	323	38	33	53	42	52	49	56
AP	168	24	19	30	27	24	22	22
CI	41	1	4	9	6	9	5	7
MI-ECG	159	18	16	29	15	20	30	31
MI-History	128	11	14	19	14	17	26	27
CHD other than AP	273	25	29	46	34	46	46	47
AP Only	70	7	5	10	11	12	10	15
Total MI	180	19	16	29	18	24	38	36
Total CVA	65	2	5	12	10	8	13	15
BI	39	1	3	9	7	5	6	8
CVA other than BI	26	1	2	3	3	3	7	7
IC	79	8	8	11	10	16	16	10
All Deaths	324	20	41	30	52	55	55	71
CHD, Sudden	69	4	8	10	12	14	9	12
CHD, Not Sudden	62	3	7	4	8	12	13	15
CVA	24	-	3	1	6	3	2	9
Other CVD	27	3	5	-	9	3	4	3
Cancer	66	6	6	8	7	9	11	19
Other Causes	76	4	12	7	10	14	16	13

See Tables 8-A-1 through 8-A-20 and Criteria in Section 8 for definition of events

Table 8-22

Number of Cases by Sex of Specified Events Occurring in 14-Year Follow-Up by Exam Interval

Framingham Study: WOMEN

Event	Total	1-2	2-3	3-4	4-5	5-6	6-7	7-8
Total CHD	169	18	18	25	21	29	24	34
AP	116	17	14	14	15	19	20	17
CI	23	-	-	5	3	6	5	4
MI-ECG	38	3	3	9	2	6	4	11
MI-History	29	2	2	6	2	4	4	9
CHD other than AP	82	3	4	15	8	18	11	23
AP Only	91	15	11	10	8	15	16	16
Total MI	43	3	3	9	2	9	5	12
Total CVA	70	5	4	8	11	15	14	13
BI	47	3	4	5	8	10	10	7
CVA other than BI	23	2	-	3	3	5	4	6
IC	46	6	4	6	1	8	9	12
All Deaths	207	9	10	25	32	38	38	55
CHD, Sudden	16	-	1	1	1	5	1	7
CHD, Not Sudden	22	-	1	3	4	5	2	7
CVA	17	1	1	2	2	4	6	1
Other CVD	27	2	1	6	2	4	6	6
Cancer	71	5	5	9	13	10	15	14
Other Causes	54	1	1	4	10	10	8	20

See Tables 8-A-1 through 8-A-20 and Criteria in Section 8 for definition of events

Table 8-23. Number of cases of CHD by sex and exam interval according to first definite manifestation occurring in 14-year follow-up: Framingham Study.

MEN

	Total	1-2	2-3	3-4	4-5	5-6	6-7	7-8
Total CHD	323	38	33	53	42	52	49	56
AP	119	18	14	22	21	14	12	18
CI	25	1	3	4	3	8	3	3
MI-ECG(w/o History)	31	6	2	8	2	4	4	5
MI-all other	103	8	10	14	8	13	24	26
Sudden CHD Death	35	4	3	4	6	11	5	2
Not Sudden CHD Death	10	1	1	1	2	2	1	2

WOMEN

	Total	1-2	2-3	3-4	4-5	5-6	6-7	7-8
Total CHD	169	18	18	25	21	29	24	34
AP	110	16	14	12	15	18	19	16
CI	13	--	--	4	2	4	1	2
MI-ECG(w/o History)	11	1	1	3	--	3	--	3
MI-all other	21	1	2	5	2	1	3	7
Sudden CHD Death	9	--	1	1	--	2	--	5
Not Sudden CHD Death	5	--	--	--	2	1	1	1

Table 8-24. Number of cases of CHD by sex and age at event according to first definite manifestation occurring in 14-year follow-up: Framingham Study.

MEN

	Total	29-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74
Total CHD	323	3	8	27	41	63	85	65	27	4
AP	119	--	3	8	16	18	37	25	11	1
CI	25	--	1	5	5	6	5	1	2	--
MI-ECG(w/o History)	31	1	1	2	1	6	5	9	4	2
MI-all other	103	1	2	8	15	22	23	23	9	--
Sudden CHD Death	35	1	--	3	3	8	13	6	1	--
Not Sudden CHD Death	10	--	1	1	1	3	2	1	--	1

WOMEN

	Total	29-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74
Total CHD	169	--	--	7	14	21	38	55	24	10
AP	110	--	--	5	7	14	31	33	15	5
CI	13	--	--	1	1	2	1	8	--	--
MI-ECG(w/o History)	11	--	--	--	2	2	1	4	1	1
MI-all other	21	--	--	1	4	1	3	6	5	1
Sudden CHD Death	9	--	--	--	--	2	--	3	2	2
Not Sudden CHD Death	5	--	--	--	--	--	2	1	1	1

Coronary Heart Disease

A subject in the Study was diagnosed as having developed coronary heart disease (CHD) if upon review of the case a panel of investigators agreed on a definite manifestation of CHD: myocardial infarction, coronary insufficiency, angina pectoris, sudden unexpected death, non-sudden death from CHD.

Myocardial infarction

Recent or acute myocardial infarction (MI) was designated when S-T segment elevation in the electrocardiographic (ECG) tracing was seen associated with late inversion of T-waves and the occurrence of loss of initial QRS potentials (i.e., development of "pathologic" Q-waves of 0.04 second duration or greater), followed by serial changes of evolution if available. An old or remote myocardial infarction was considered to be present when the ECG showed a pathologic Q-wave of 0.04 second or greater or loss of initial QRS potential (R-wave) in those leads in which this would not be expected to occur. Also an old MI was indicated when changes from a previous tracing showed a loss of R-wave potential previously present and not otherwise explained. More weight was given to this finding if a T-wave abnormality was also associated.

The development of unequivocal change characteristic of myocardial infarction on routine biennial ECG examination in the absence of recognized symptoms (as reported to the examining physician by the subject) was called "silent" MI or clinically unrecognized MI.

Beginning in Exam 4, a hospital report for a subject showing a rise in the serum glutamic oxalacetic transaminase to a level of at least 60 units along with a history of prolonged ischemic chest pain was accepted as evidence of myocardial infarction.

An autopsy report for a subject showing an acute, new or recent infarction of the myocardium was accepted as evidence of myocardial infarction.

Coronary insufficiency

Coronary insufficiency (CI) was designated when a history of prolonged ischemic chest pain was accompanied by transient ischemic S-T segment and T-wave abnormality on the ECG--not accompanied by development of Q-wave abnormality on the ECG or by serum enzyme changes characteristic of muscle necrosis.

Angina pectoris

Brief recurrent chest discomfort of up to 15 minutes duration, precipitated by exertion or emotion and relieved by rest or by nitroglycerine, was regarded as angina pectoris (AP) if two physicians interviewing the subject agreed that this condition was definitely present. This diagnosis was based on evaluation of a subjective manifestation; no post-exercise ECG abnormality or ECG abnormality at rest was required.

Sudden unexpected death

If a subject apparently well was observed to have died within a few minutes (operationally documented as under one hour) from onset of symptoms and if the cause of death could not reasonably be attributed to some potentially lethal disease other than coronary heart disease, this was called sudden unexpected death and was considered diagnostic of CHD.

Non-sudden death from CHD

If the terminal episode lasted longer than one hour, if the available information implied that the cause of death was probably CHD, and if no other cause could be ascribed, this was called non-sudden death from CHD. In making this diagnosis the review panel used clinical information other than that concerning the final illness.

Pre-existing CHD

Pre-existing CHD at Exam 1 was identified by any one of the following diagnoses at Exam 1:

Definite AP

Definite history of MI

Definite MI by ECG

Doubtful MI by ECG

Definite CI by ECG

Cerebrovascular Accident

The diagnosis of overt vascular disease of the brain was based on the occurrence of apoplexy. Minimal criteria for nonhemorrhagic apoplexy consisted of the sudden onset of a localizing neurologic deficit (such as hemiparesis, aphasia, homonymous hemianopia); for hemorrhagic apoplexy, a change in the state of consciousness, headache, and signs of meningeal irritation in association with a bloody spinal fluid under increased pressure whether with other localizing neurological deficits. A diagnosis of embolus to the brain was made if a source for embolus (i.e., atrial fibrillation, rheumatic heart disease with mitral stenosis, recent myocardial infarction, bacterial endocarditis) was present, the clinical course consistent (i.e., rapid onset and clearing, slightly bloody spinal fluid, a more localized deficit), or the occurrence of associated peripheral emboli elsewhere noted. A consultant neurologist and the clinical staff of the Study reviewed hospital and clinic protocols.

Specifically, thrombotic brain infarction was defined as the sudden onset of a localizing brain deficit (e.g., aphasia, homonymous hemianopsia, a central type of facial weakness, hemiparesis) documented by a physician, lasting longer than 24 hours, in the absence of: 1) known source of embolism (atrial fibrillation, rheumatic heart disease with mitral stenosis, myocardial infarction within preceding six months, bacterial endocarditis), 2) intracranial hemorrhage (intracerebral, subarachnoid), 3) known hypercoagulable states (e.g., erythemia), 4) other disease processes causing focal brain deficits (brain tumor, subdural hematoma, hypoglycemia).

Intermittent Claudication

If the examining physician believed that the subject had definite symptoms of intermittent claudication, this was designated as a case of intermittent claudication. The physician, when taking the medical history, asked the subject about any discomfort in lower limbs brought on by walking. If the subject had experienced such pain, did it appear not immediately but after a variable distance (usually from 30 to 300 yards), did it appear sooner when walking rapidly or up a hill, and was it relieved within a few minutes by resting? If the answers were "yes", the physician marked the history form to show definite intermittent claudication.

Congestive Heart Failure

For each of the eight Exams in the 14-year follow-up the examining physician recorded his final diagnostic impression of the subject taking that Exam. After the round of examinations for Exam 8 was finished, two physicians and the statistician of the clinic staff formed a panel to review the records of all subjects ever diagnosed as having congestive heart failure (CHF), definite or doubtful, applying a set of strict criteria, as follows.

A definite diagnosis of CHF required two major or one major and two minor criteria, the criteria existing concurrently. The minor criteria, when used, were not attributable to some condition other than CHF.

Major criteria

1) Paroxysmal nocturnal dyspnea.
2) Distended neck veins (not counting the supine position).
3) Rales in presence of unexplained dyspnea.
4) Cardiomegaly and pulmonary hilar congestion by X-ray in absence of any left to right shunt) or increasing heart size.
5) Acute pulmonary edema described in hospital record.
6) Ventricular gallop.
7) Increased venous pressure (greater than 16 cm H_2O from right atrium).
8) Circulation time (greater than 24 seconds, arm to tongue).
9) Hepato-jugular reflux.
10) Autopsy shows pulmonary edema, visceral congestion, cardiomegaly.

Minor criteria

1) Ankle edema.
2) Night cough.
3) Dyspnea on ordinary exertion.
4) Hepatomegaly.

Minor criteria (continued)

5) Pleural effusion.

6) Decrease vital capacity by one-third from maximum recorded.

7) Tachycardia (120 beats per minute or more).

Arbitrary major or minor criteria

1) Weight loss (ten pounds or more in five days) combined with improvement in respiratory symptoms in five days while on therapy for CHF.

Cause of Death

The fact of death was supported by a death certificate. Additional information was obtained from records supplied by hospital, attending physician, pathologist, coroner. A panel of staff physians reviewed all evidence to arrive at the cause of death.

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